

a PPL company

Jeff DeRouen Executive Director Kentucky Public Service Commission 211 Sower Boulevard Frankfort, Kentucky 40602-0615 RECEIVED

SEP 1 3 2011

PUBLIC SERVICE COMMISSION

Louisville Gas and Electric Company

State Regulation and Rates 220 West Main Street PO Box 32010 Louisville, Kentucky 40232 www.eon-us.com

Robert M. Conroy Director - Rates T 502-627-3324 F 502-627-3213 robert.conroy@eon-us.com

September 13, 2011

RE: AN EXAMINATION OF THE APPLICATION OF THE FUEL ADJUSTMENT CLAUSE OF LOUISVILLE GAS AND ELECTRIC COMPANY FROM NOVEMBER 1, 2010 THROUGH APRIL 30, 2011 - CASE NO. 2011-00248

Dear Mr. DeRouen:

Enclosed please find an original and ten (10) copies of the Response of Louisville Gas and Electric Company to Information Requested in the Appendix of the Commission's Order dated August 23, 2011, in the above-referenced proceeding.

Also enclosed are an original and ten (10) copies of a Petition for Confidential Protection regarding certain information provided in response to Question No. 12 and Question No. 19.

Please contact me if you have any questions concerning this filing.

Sincerely,

Robert M. Conroy

**Enclosures** 

#### RECEIVED

#### COMMONWEALTH OF KENTUCKY

#### SEP 1 3 2011

#### BEFORE THE PUBLIC SERVICE COMMISSION

PUBLIC SERVICE COMMISSION

In the Matter of:

AN EXAMINATION OF THE	)	
APPLICATION OF THE FUEL	)	
ADJUSTMENT CLAUSE OF	)	CASE NO. 2011-00248
LOUISVILLE GAS AND ELECTRIC	)	
COMPANY FROM NOVEMBER 1, 2010	)	
THROUGH APRIL 30, 2011	)	

## PETITION OF LOUISVILLE GAS AND ELECTRIC COMPANY FOR CONFIDENTIAL PROTECTION

Louisville Gas and Electric Company ("LG&E"), pursuant to 807 KAR 5:001, Section 7, respectfully petitions the Commission to classify as confidential and protect from public disclosure certain information provided by LG&E in response to Question Nos. 12(a) and 19 of the Commission's data requests, as contained in the Appendix to the Commission's Order dated August 23, 2011. LG&E requests confidential protection for settlement agreemenst provided in response to Question No. 12(a) and for coal bid analysis information contained in Question No. 19. In support of this Motion, LG&E notes that the Commission has consistently treated this same kind of information as confidential in LG&E's previous fuel adjustment clause review proceedings.

In further support of this Motion, LG&E states as follows:

1. Under the Kentucky Open Records Act, the Commission is entitled to withhold from public disclosure information confidentially disclosed to it to the extent that open disclosure would permit an unfair commercial advantage to competitors of the entity disclosing the information to the Commission. *See* KRS 61.878(1)(c). Public disclosure of the information identified herein would, in fact, prompt such a result for the reasons set forth below.

- 2. Disclosure of the terms and conditions of LG&E's settlement of contract disputes would damage LG&E's competitive position and business interests. This information reveals the terms and conditions under which LG&E agreed to settle contract disputes with a coal supplier. If the Commission grants public access to the information requested in Question No. 12(a), LG&E's negotiating position in future litigation of contract disputes could be seriously compromised to the detriment of LG&E and its ratepayers by granting litigators access to terms and conditions LG&E has found acceptable in the past. As noted above, the Commission has treated such information as confidential in the past.
- 3. Disclosure of the factors underlying LG&E's bid analysis/selection process would damage LG&E's competitive position and business interests. This information reveals the business model the Company uses the procedure it follows and the factors/inputs it considers in evaluating bids for coal supply. If the Commission grants public access to the information requested in Question No. 19, potential bidders could manipulate the bid solicitation process to the detriment of LG&E and its ratepayers by tailoring bids to correspond to and comport with LG&E's bidding criteria and process. As noted above, the Commission has treated such information as confidential in the past.
- 4. The information for which LG&E is seeking confidential treatment is not known outside of LG&E, is not disseminated within LG&E except to those employees with a legitimate business need to know and act upon the information, and is generally recognized as confidential and proprietary information in the energy industry.
- 5. LG&E does not object to limited disclosure of the confidential information described herein, pursuant to an acceptable protective agreement, to intervenors with legitimate interests in reviewing the same for the purpose of participating in this case.

6. In accordance with the provisions of 807 KAR 5:001, Section 7, LG&E is filing with the Commission one copy of the Confidential Information highlighted and ten (10) copies without the Confidential Information.

WHEREFORE, Louisville Gas and Electric Company respectfully requests that the Commission grant confidential protection to the information designated as confidential.

Dated: September 17, 2011

Respectfully submitted,

Allyson K. Sturgeon

Senior Corporate Attorney

LG&E and KU Services Company

220 West Main Street

Louisville, Kentucky 40202 Telephone: (502) 627-2088

Counsel for Louisville Gas and

Electric Company

COMMONWEALTH OF KENTUCKY	)	
•	)	SS
COUNTY OF JEFFERSON	)	

The undersigned, **Mike Dotson**, being duly sworn, deposes and says that he is Manager – LG&E and KU Fuels for LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

Mike Dotson

Notary Public

My Commission Expires:

July 21, 2015

COMMONWEALTH OF KENTUCKY	)	SS:
COUNTY OF JEFFERSON	)	

The undersigned, **Robert M. Conroy**, being duly sworn, deposes and says that he is Director - Rates for LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

Robert M. Conroy

Notary Public

(SEAL)

My Commission Expires:

COMMONWEALTH OF KENTUCKY	)	SS:
COUNTY OF JEFFERSON	)	

The undersigned, **Charles R. Schram**, being duly sworn, deposes and says that he is Director – Energy Planning, Analysis and Forecasting for LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

Charles R. Schram

Notary Public (SEAL)

My Commission Expires:

July 21, 2015

COMMONWEALTH OF KENTUCKY	)	aa
	)	SS
COUNTY OF JEFFERSON	)	

The undersigned, **David L. Tummonds**, being duly sworn, deposes and says that he is Director – Generation Services for LG&E and KU Services Company, and that he has personal knowledge of the matters set forth in the responses for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief.

David L. Tummonds

otary Public (SEAL)

My Commission Expires:

#### COMMONWEALTH OF KENTUCKY

#### BEFORE THE PUBLIC SERVICE COMMISSION

#### In the Matter of:

AN EXAMINATION OF THE	)
APPLICATION OF THE FUEL	)
ADJUSTMENT CLAUSE OF	) CASE NO.
LOUISVILLE GAS AND ELECTRIC	) 2011-00248
COMPANY FROM NOVEMBER 1, 2010	)
THROUGH APRIL 30, 2011	)

RESPONSE OF
LOUISVILLE GAS AND ELECTRIC COMPANY
TO
INFORMATION REQUESTED IN
APPENDIX OF COMMISSION'S ORDER
DATED AUGUST 23, 2011

FILED: September 13, 2011

## Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

#### Case No. 2011-00248

#### Question No. 1

Witness: Mike Dotson

Q-1. For the period from November 1, 2010 through April 30, 2011, list each vendor from whom coal was purchased and the quantities and the nature of each purchase (e.g., spot or contract). For the period under review in total, provide the percentage of purchases that were spot versus contract.

A-1.	PURCHASE I VENDOR	PURCHASE TONNAGE	<u>T</u>	YPE
	Alliance – L06010	2,040,751		ontract
	Alliance – J09002	438,283	C	contract
	American Coal Co. – J08016	7,898	C	Contract
	American Coal Co. – J10005	27,351	C	Contract
	Armstrong Coal – J07032	516,724	C	Contract
	Armstrong Coal – J10007	44,760	S	pot
	Armstrong Coal – J10009	171,166	C	ontract
	Consol - J10008	117,819	C	Contract
	Oxford Mining – J07003	50,242	C	Contract
	Patriot Coal Company - J0703	7 4,807	C	Contract
	Patriot Coal Company – J0900	1 120,920	C	Contract
	Patriot Coal Company - J10003	3 22,283	S	pot
	Patriot Coal Company - J10002	2 17,594	C	Contract
	Patriot Coal Company - J10010	17,529	C	Contract
	Peabody Coal Sales – L06012	441,892	C	Contract
	Rhino Energy – J08028	9,791	C	Contract
	W. Kentucky Minerals- J10001	33,400	C	Contract
	TOTAL	4,083,210		

4,016,167 98% Contract <u>67,043</u> 2% Spot 4,083,210

		·	

### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### **Question No. 2**

Witness: Robert M. Conroy

- Q-2. For the period from November 1, 2010 through April 30, 2011, list each vendor from whom natural gas was purchased for generation and the quantities and the nature of each purchase (e.g., spot or contract). For contract purchases, state whether the contract has been filed with the Commission. If no, explain why it has not been filed.
- A-2. Please see the attachment for the list of vendors, associated quantities, and nature of natural gas purchases. Please note that purchases from Louisville Gas & Electric are primarily for LG&E owned coal and gas fired generation and purchases from Columbia Gas are for KU owned gas fired generation served by the local distribution company; however, other natural gas purchases are made on an aggregate basis and not by utility ownership percentages of individual generating units. KU and LG&E have joint ownership in certain CT units. Trimble County Units 5 and 6 are owned 71% by KU and 29% by LG&E. Trimble County Units 7, 8, 9, and 10 are owned 63% by KU and 37% by LG&E. Brown Unit 5 and Paddy's Run Unit 13 are owned 47% by KU and 53% by LG&E. Brown Units 6 and 7 are owned 62% by KU and 38% by LG&E. Fuel expenses, not individual natural gas purchase transactions, are allocated to the Companies based on their respective ownership percentages.

Purchases from Louisville Gas and Electric Company's Gas Distribution Business are Special Contract purchases. The Special Contract for Firm Gas Sales and Firm Transportation Service dated September 28, 2007 and effective April 11, 2008, between Louisville Gas and Electric Company, on behalf of its Gas Distribution Business, and Louisville Gas and Electric Company and Kentucky Utilities Company, on behalf of their Electric Generation Business, was originally filed with the Kentucky Public Service Commission in Case No. 2007-00449. All remaining purchases are spot purchases.

#### Natural Gas Purchases 11/1/2010 - 4/31/2011

Purchase Vendor	Туре	MMBTU
Anadarka Tradina	Cm.a.b	E4 F3F
Anadarko Trading	Spot	54,525
Atmos Energy	Spot	102,450
BG Energy Merchants BNP Paribas	Spot	67,200
	Spot	5,500
BP Energy	Spot	40,900
Chevron NG	Spot	15,800
CIMA Energy	Spot	350,816
Columbia Gas of KY	Spot*	6,294
Colonial Energy	Spot	89,700
Conoco	Spot	78,700
Enbridge	Spot	11,900
Gavilon	Spot	10,000
JLA Energy	Spot	44,500
Louis Dreyfus Energy	Spot	300
MacquarieCook Energy	Spot	242,308
Mieco	Spot	900
National Energy & Trade	Spot	137,838
NJR Energy Services	Spot	461,738
ONEOK Energy	Spot	52,800
Petrocom	Spot	11,000
Proliance Energy	Spot	137,425
Sequent Energy	Spot	518,950
Shell Energy NA	Spot	23,400
Spark Energy	Spot	6,500
Southwestern Energy Srvcs	Spot	30,000
Tenaska Market Ventures	Spot	407,576
Total Gas & Power Mktg	Spot	55,949
United Energy	Spot	18,463
Vitol Inc.	Spot	50,000
Tennessee Gas Pipeline	Imbalance	826
Louisville Gas and Electric	Special Contract*	305,073
		3,339,331
	-	

<sup>\*-</sup>Local Distribution Company service, with no volume purchase commitments.

## Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### Question No. 3

Witness: Mike Dotson / Robert M. Conroy

- Q-3. State whether LG&E engages in hedging activities for its coal or natural gas purchases used for generation. If yes, describe the hedging activities in detail.
- A-3. LG&E does not engage in hedging activities for natural gas purchases.

LG&E does not engage in financial hedging activities for coal purchases. LG&E does use physical hedging in contracting for coal. LG&E uses the following guidelines in utilization of coal under contract:

1 year out 95 – 100% 2 years out 90 – 100% 3 years out 40 – 90% 4 years out 30 - 70% 5 years out 20 - 50%

### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### Question No. 4

Witness: Charles R. Schram / Mike Dotson

- Q-4. For each generating station or unit for which a separate coal pile is maintained, state for the period from November 1, 2010 through April 30, 2011 the actual amount of coal burned in tons, the actual amount of coal deliveries in tons, the total kWh generated, and the actual capacity factor at which the plant operated.
- A-4. For November 1, 2010 through April 30, 2011

The North American Electric Reliability Council Generation Availability Data System defines capacity factor as the value equal to the net MWh produced divided by the product of the hours in the period and the unit rating.

				Capacity Factor
	Coal Burn	Coal Receipts		(Net MWh)/ (period hrs x
Plant	(Tons)	(Tons)	Net MWh	MW rating)
Cane Run	858,957	792,501	1,778,714	
Mill Creek	2,070,744		4,445,459	
Trimble County HS	N/A	1,152,565	N/A	N/A
Trimble County PRB	N/A	147,736	N/A	N/A
Trimble County 1	897,614	N/A	1,923,735	86.0%
Trimble County 2	602,024	N/A	1,402,091	42.4%

Notes: 1 - Trimble County values reflect 100% of the unit. Trimble County 1 is owned by LG&E (75%), IMPA (12.88%), and IMEA (12.12%). Trimble County 2 is owned by LG&E (14.25%), KU (60.75%), IMPA (12.88%), and IMEA (12.12%).

2 – Trimble County 2 values reflect preliminary testing until the unit began commercial operation on January 22, 2011.

## Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### Question No. 5

Witness: Charles R. Schram

Q-5. List all firm power commitments for LG&E from November 1, 2010 through April 30, 2011 for (a) purchases and (b) sales. This list shall identify the electric utility, the amount of commitment in MW, and the purpose of the commitment (e.g., peaking, emergency).

#### A-5. a. Firm Purchases

The firm purchases from Ohio Valley Electric Corporation (OVEC) for the review period are shown in the table below. LG&E purchased its participation ratio (5.63%) of the OVEC released capacity for the months in question.

#### Companies' LG&E Portion

	*		
Utility	Amt (MW)	(MW)	Purpose
OVEC (Nov 2010)	~ 154	~ 107	Baseload
OVEC (Dec 2010)	~ 161	~ 111	Baseload
OVEC (Jan 2011)	~ 162	~ 112	Baseload
OVEC (Feb 2011)	$\sim 147$	~ 102	Baseload
OVEC (Mar 2011)	~ 139	~ 96	Baseload
OVEC (Apr 2011)	~ 135	~ 93	Baseload

b. Sales

None.

## Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

Question No. 6

Witness: Robert M. Conroy

- Q-6. Provide a monthly billing summary of sales to all electric utilities for the period November 1, 2010 through April 30, 2011.
- A-6. Please see the attached sheets.

Louisville Gas and Electric Company

Month Ended: November 30, 2010					Billing Components	nponents			
Company	'	Type of Transaction	KWH	Demand(\$)	Fuel Charges(\$)	(\$	Other Charges(\$)		Total Charges(\$)
Sales MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC. PJM INTERCONNECTION ASSOCIATION AMERICAN ELECTRIC POWER SERVICE CORP. CARGILL-ALLIANT, LLC CITIGROUP ENERGY, INC. CONSTELLATION ENERGY COMDS. GRP. INC. EAST KENTUCKY POWER COOPERATIVE ENDIANA MUNICIPAL ELECTRIC AGENCY ILLINOIS MUNICIPAL POWER AGENCY INDIANA MUNICIPAL POWER AGENCY RAINBOW ENERGY MARKETING CORP THE ENERGY AUTHORITY THE ENERGY AUTHORITY THE ENERGY AUTHORITY AMEREN ENERGY, INC. KENTUCKY UTILITIES COMPANY SUBTOTAL	MISO PJM AEP CARG CITI CONS EKPC ENDU IMEA IMPA IMBL MLCM REMC TEA TYA AMRN	Economy	4,292,000 33,054,000 6,453,000 5,747,000 50,000 183,000 989,000 363,000 1,256,000 393,000 54,000 562,376,000 562,376,000	·   ·   ·   ·   ·   ·   ·   ·   ·   ·	\$ 123,0 \$ 859,0 \$ 1163,0 \$ 146,0 \$ 177,0 \$ 11,274	123,601,47 859,504,64 163,753,41 146,333,23 1,251.80 4,281.16 1,321.35 27,083.36 11,285.14 35,094.19 9,881.03 1,485.47 14,117.51 155,489,44 88,962.58 4,381.28 9,627,131.65 11,274,958.71	\$ 54,128.84 \$ 376,403.23 \$ 71,712.59 \$ 64,083.77 \$ 54,083.77 \$ 1,874.84 \$ 11,866.59 \$ 20,585.69 \$ 20,585.69 \$ 15,368.81 \$ 4,327.20 \$ 650.53 \$ 6,182.49 \$ 1,918.72 \$ 1,918.72 \$ 737,277.118 \$ 737,277.18	******************	177,730.31 1,235,907.87 235,466.00 210,417.00 1,800.00 6,156.00 1,900.00 38,944.00 31,870.83 50,463.00 14,208.23 2,136.00 20,300.00 223,583.00 127,922.00 6,300.00 223,583.00 127,922.00 6,300.00

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.

<sup>\*\*</sup>In May 2010, Trimble County Unit #2 began producing test power. In November 2010 there were 445 MW's and \$18,473.38 of test power assigned to Louisville Gas and Electric's off-system sales that were credited to the project and are excluded from this report.

Louisville Gas and Electric Company

Month Ended: December 31, 2010

Month Ended: December 31, 2010					Billing Components	nents			
		Type of			Fuel		Other		Total
Vincamo )		Transaction	KWH	Demand(\$)	Charges(\$)		Charges(\$)		Charges(\$)
Company									
Sales	OSIM	Fconomy	2.064.000		\$ 62,555.90	\$	37,320.15	↔	99,876.05
MIDWEST INDEPENDENT TRANSMISSION STSTEM OF EXAMINATION	PIM	Fronomy	20.607.000		\$ 512,607.05	5 \$	305,815.64	<del>69</del>	818,422.69
FIM INTERCONNECTION ASSOCIATION	AFP	Fronomy	3,320,000		\$ 128,210.84	4	76,489.16	<del>69</del>	204,700.00
AMERICAN ELECTRIC TOWER SERVICE CONT	CARG	Fronomy	2.793.000		\$ 85,923.82	2 \$	51,261.18	<del>69</del>	137,185.00
CARGILL-ALLIANI, LLC	CONS	Fronomy	1 781 000		\$ 69,889.63	3	41,695.37	<del>\$</del>	111,585.00
CONSIELLATION ENERGY COMIDS, GIRT INC.	ENDI	Fronomy	1 289.000		\$ 42,669.72	2 \$	25,456.28	<del>69</del>	68,126.00
ENDORE ENERGY	IMFA	Fronomy	842.000		\$ 53,136.92	2 \$	33,672.09	<del>59</del>	86,809.01
ILLINOIS MUNICIPAL ELECTRIC AGENCI	IMPA	Fronomy	174 000		\$ 5,186.01	1 8	3,093.91	<del>69</del>	8,279.92
INDIANA MUNICIPAL PUWER AGENCI	IMBI	Fronomy	630,000		\$ 22,231.91	\$	13,263.30	<del>69</del>	35,495.21
ENEKGY IMBALAINCE	BEMC	Fronomy	200.000		\$ 4,760.15	5 \$	2,839.85	69	7,600.00
KAINBOW ENERGY MAKNETING CORF	TEA	Economy	13.029.000		\$ 321,936.99	\$ 6	192,064.01	₩	514,001.00
THE ENERGY ACTRONITY	TVA	Economy	8 118 000		\$ 211,091.90	0 \$	125,935.10	<del>69</del>	337,027.00
JENNESSEE VALLEY AUTHORITY	KII	Economy	489,542,000		\$ 11,120,084.15	5 \$	-	6-9	11,120,084.15
KENTOCKY OTILITES CONFAINT	2		544.389,000	-	\$ 12,640,284.99	<del>\$</del>	908,906.04	<del>6</del>	13,549,191.03
SUBIOIAL TOTAL			544,389,000	1 69	\$ 12,640,284.99	\$ 60	908,906.04	<del>6∕9</del>	13,549,191.03

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.

Louisville Gas and Electric Company

Month Ended: January 31, 2011					Billing Components	nponents	Other		Total
Company		Type of Transaction	KWH	Demand(\$)	Fuel Charges(\$)		Charges(\$)		Charges(\$)
Sales MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC. PJM INTERCONNECTION ASSOCIATION AMERICAN ELECTRIC POWER SERVICE CORP. AMERICAN ELECTRIC POWER SERVICE CORP. AMERICAN ELECTRIC POWER COMPANY BNP Paribas Energy Trading GP CARGILL - ALLIANT, LLC CONSTELLATION ENERGY COMDS. GRP. INC. EDF Trading EAST KENTUCKY POWER COOPERATIVE ENDURE ENRGY ILLINOIS MUNICIPAL ELECTRIC AGENCY INDIANA MUNICIPAL POWER AGENCY ENERGY IMBALANCE MERRILL LYNCH COMMODITIES INC. PROGRESS ENERGIES CAROLINAS INC. PROGRESS ENERGY AUTHORITY TENNESSEE VALLEY AUTHORITY WESTAR ENERGY, INC. KENTUCKY UTILITIES COMPANY SUBTOTAL TOTAL	MISO PJM AEP AMEM BNPPARIBAS CARG CARG CONS EDF EKPC ENDU IMEA IMBA IMBA IMCM MLCM MLCM TEA TTPS TTVA WSTR KU	Economy	2,695,000 106,751,000 5,917,000 150,000 449,000 6,132,000 1,780,000 1,167,000 420,000 633,000 1,167,000 1,049,000 3,742,000 1,049,000 17,547,000 17,547,000 17,547,000 623,000 624,000 665,455,000 665,455,000	vo vo	\$ 69,806.26 \$ 1,935,970.74 \$ 156,074.88 \$ 4,723.88 \$ 15,834.85 \$ 17,671.85 \$ 17,671.85 \$ 12,530.46 \$ 22,530.46 \$ 25,593.1 \$ 25,593.1 \$ 30,672.8 \$ 11,793.9 \$ 11,793.9 \$ 11,793.9 \$ 11,793.9 \$ 11,793.9	69.806.26 156.074.88 4.723.88 15.834.89 177.671.85 7.898.34 64.451.45 22.530.40 37.579.86 18.550.71 23.632.88 25.593.11 30.672.56 174.548.61 30.672.56 174.548.61 30.672.56 174.548.61 30.672.56 174.548.61 30.672.56 177593.95 15.747.49 11.227.405.20	41,023.46 1,725,399.42 91,721.45 2,776.12 9,305.78 104,413.48 4,641.67 \$ 37,876.57 \$ 13,246.57 \$ 22,084.79 \$ 20,813.39 \$ 13,246.47 \$ 13,246.47 \$ 13,246.45 \$ 10,578.02 \$ 17,78.20 \$ 17,78.82 \$ 17	**************************************	110,829,72 4,661,370,16 247,796,33 7,500,00 25,140,67 282,085,33 12,540,01 102,328,02 35,770,97 59,664,65 39,364,10 37,521,34 40,633,56 48,698,09 277,126,63 15,404,63 187,018,61 25,001,91 11,227,405,20 183,10,162,01

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.

Louisville Gas and Electric Company

Month Ended: February 28, 2011					Billing	Billing Components			
		Type of Transaction	KWH	Demand(\$)	Fu	Fuel Charges(\$)	Other Charges(\$)	Char	Total Charges(\$)
Company									
Sales	0007	Footomy	12,798,000		s	471,125.64	\$ 218,211.63	9 \$	689,337.27
MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR, INC.	MISO	Economy	109.672.000		\$	2,872,241.80	\$ 1,330,377.57	\$ 4,2	4,202,619.37
PJM INTERCONNECTION ASSOCIATION	MC	Economy	282,000		89	8,277.05	\$ 3,833.69	S	12,110.74
ASSOCIATED ELECT COOPERATIVE	AECI	Fronomy	3,970,000		64	68.062.66	\$ 46,220.23	 -S	146,011.12
AMERICAN ELECTRIC POWER SERVICE CORP.	PAEF	Fronomy	188,000		<del>5</del> 9	5,132.80	\$ 2,377.37	<b>6</b> 9	7,510.17
BNP Paribas Energy Trading GP		Economy	6,384,000		<b>6</b> ∕9	167,583.72	\$ 77,619.88	C1 69 (	245,203.60
CARGILL-ALLIANI, LLC	CONS	Economy	22,000		<b>6</b> 5	597.98	\$ 276.98	es u	8/4.90
CONSTELLATION ENERGY COMIDS, ON THACK	EDF	Economy	514,000		6 <del>9</del> 6	13,752.70	\$ 6,369.85	A G	11.248.42
EAST KENTUCKY POWER COOPERATIVE	EKPC	Economy	352,000		A 4	74 115 67	\$ 11,169.68	9 <del>69</del>	35,285.35
ENDURE ENERGY	ENDC	Economy	507,000		ə 64	30,228.01	\$ 15,302.12	ь	45,530.13
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	1 017.000		· 9	49,520.07	\$ 23,659.23	9	73,179.30
INDIANA MUNICIPAL POWER AGENCY	IMPA	Fronomy	430,000		8	14,121.24	\$ 6,540.54	69	20,661.78
ENERGY IMBALANCE	IMBL	Fronomy	517,000		69	15,816.64	\$ 7,325.81	€9	23,142.45
MERRILL LYNCH COMMODITIES INC.	TEA	Fronomy	3,355,000		<del>69</del>	85,703.99	\$ 39,695.58	69	125,399.57
THE ENERGY AUTHORITY	TPS	Fronomy	1,837,000		<del>S</del>	51,974.65	\$ 24,073.14	69	76,047.79
TENASKA POWER SERVICES CO.	AVT	Economy	11,958,000		69	316,033.55	\$ 146,377.51	69 (	462,411.06
TENNESSEE VALLEY AUTHORITY	ANABNI	Fronomy	364,000		69	9,276.58	\$ 4,296.62	se	15,575.20
AMEREN ENERGY, INC.	MATS	Economy	188.000		69	4,876.00	\$ 2,258.39		7,134.39
WESTAR ENERGY, INC.	WSIK	Fronomy	335.029,000		2	7,647,638.40	\$ 40.40		7,647,678.80
KENTUCKY UTILITIES COMPANY	O.V.	C	490,269,000	59	\$ 11	11,895,495.07	\$ 1,969,586.95	- 1	13,865,082.02
SUBTOTAL			490,269,000		\$ 11	11,895,495.07	\$ 1,969,586.95	\$ 13,	13,865,082.02
TOTAL									

Louisville Gas and Electric Company

Month Ended: March 31, 2011

						Billing Components				
		Type of				Fuel		Other		Total
Company		Transaction	KWH	Demand(\$)	(S)	Charges(\$)		Charges(S)		Charges(S)
Calan										
SAIES MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR. INC.	MISO	Economy	16,134,000		S	455,460.76	S 16	163,307.05	S	618,767.81
PJM INTERCONNECTION ASSOCIATION	PJM	Economy	92,525,000		S	2,303,382.58	S 8	825,885.84	S	3,129,268.42
ASSOCIATED ELECT COOPERATIVE	AECI	Economy	653,000		S	15,302.28	s	5,486.69	S	20,788.97
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	2,251,000		S	60,105.76	S	21,551.13	S	81,656.89
BNP Paribas Energy Trading GP	BNPPARIBAS	Economy	000,66		S	2,546.91	S	913.20	S	3,460.11
CARGILL: ALLIANT. LLC	CARG	Economy	7,253,000		S	191,961.42	S	68,828.43	S	260,789.85
ENDURE ENERGY	ENDU	Economy	280,000		S	8,200.51	S	2,940.33	S	11,140.84
ILLINOIS MUNICIPAL ELECTRIC AGENCY	IMEA	Economy	1,185,000		S	80,119.51	s	35,918.61	64	116,038.12
INDIANA MUNICIPAL POWER AGENCY	IMPA	Economy	1,565,000		S	104,906,47	S	46,755.14	S	151,661.61
ENERGY IMBALANCE	IMBL	Economy	425,000		S	12,879.50	S	4,617.99	S	17,497.49
MERRILL LYNCH COMMODITIES INC.	MLCM	Economy	000,66		S	2,692.09	S	965.25	64)	3,657.34
THE ENERGY AUTHORITY	TEA	Economy	3,770,000		S	93,173.36	S	33,407.63	S	126,580.99
TENASKA POWER SERVICES CO.	TPS	Economy	542,000		S	15,839.88	S	5,679.44	64)	21,519.32
TENNESSEE VALLEY AUTHORITY	TVA	Economy	11,044,000		S	288,450.05	S	03,424.78	S	391,874.83
AMEREN ENERGY, INC.	AMRN	Economy	1,633,000		S	44,360.50	S	15,905.60	S	60,266.10
KENTUCKY UTILITIES COMPANY	KU	Economy	375,647,000		S	8,347,130.20	S		S	8,347,130.20
SUBTOTAL			515,105,000	S		12,026,511.78	\$ 1.3	\$ 1,335,587.11	S	13,362,098.89
TOTAL			515,105,000	S	. S	12,026,511.78	S 1,3	S 1,335,587.11	S	13,362,098.89

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.

Louisville Gas and Electric Company

Month Ended: April 30, 2011					ш	Billing Components				,
Сотрапу		Type of Transaction	KWH	Demand(\$)		Fuel Charges(\$)		Other Charges(\$)		Total Charges(\$)
Sales MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR INC.	MISO	Economy	1,936,000		<b>6</b> 4	46,928.64	69	15,940.38	<b>€</b> 9	62,869.02
PIM INTERCONNECTION ASSOCIATION	PJM	Economy	30,515,000		69	776,715.86	5	263,833.48	\$ 1,0	,040,549.34
AMERICAN ELECTRIC POWER SERVICE CORP.	AEP	Economy	1,280,000		<b>∽</b>	32,134.71	<del>64</del>	10,915.29	<b>6</b> 9	43,050.00
CAPCH 1 - AT LIANT 11 C	CARG	Economy	1,226,000		S	35,511.66	89	12,062.34	69	47,574.00
EDE TRADING	EDF	Economy	173,000		69	4,329.42	69	1,470.58	64	5,800.00
END TRANSING	ENDC	Economy	875,000		89	24,185.01	69	8,214.99	8	32,400.00
II I INDIS MI INICIPAL FLECTRIC AGENCY	IMEA	Economy	226,000		69	7,109.06	<b>∽</b>	13,855.15	<del>6/9</del>	20,964.21
INDIANA MINICIPAL POWER AGENCY	IMPA	Economy	000,966		₩	30,291.85	64	24,589.81	<del>60</del>	54,881.66
ENERGY IMPAI ANCE	IMBL	Economy	409,000		64	14,501.24	64)	4,925.67	₩	19,426.91
THE ENERGY AUTHORITY	TEA	Economy	3,094,000		69	99,341.20	64	33,743.48	<del>∨</del>	133,084.68
TENNESSEE VALLEY ALITHORITY	TVA	Economy	4,724,000		<b>6</b> 9	135,703.36	64	46,094.72	643	181,798.08
AMEREN FNERGY INC	AMRN	Economy	350,000		69	9,965.12	↔	3,384.88	69	13,350.00
WESTAR FNFRGY INC.	WSTR	Economy	100,000		S	2,388.64	ş	811.36	69	3,200.00
KENTUCKY UTILITIES COMPANY	KU	Economy	367,551,000		8	8,118,433.86	8	0.02	∞ ∞	8,118,433.88
SUBTOTAL			413,455,000		59	9,337,539.63	8	439,842.15	\$ 9,	9,777,381.78
TOTAL			413,455,000		69	9,337,539.63	\$	439,842.15	6 \$	9,777,381.78

Energy Imbalance is used to supply energy for mismatch between scheduled delivery and actual loads that have occurred over an hour.

## Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### Question No. 7

Witness: David L. Tummonds

- Q-7. List LG&E's scheduled, actual, and forced outages between November 1, 2010 and April 30, 2011.
- A-7. Please see the attached sheets.

Schedule vs Actual

Louisville Gas & Electric Company Cane Run Unit #4 - Coal - 155 MW In-service May 1962 November 2010 through April 2011

	HOURS OF DURATION REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FUR	d Actual FORCED OUTAGE AS APPROPRIATE
	HOURS OF DURATION	Scheduled Forced Actual
	Actual	FROM TO
MAINTENANCE		TO
	Scheduled	H FROM
		MONT

	REASON FOR DEVIATION FROM SCHEDULED MAIN LENANCE OR REASON FOR										
	REASON FOR DEVIATION FROM SCHE	FORCED OUTAGE AS APPROPRIATE		Wet scrubber module.	Second reheater leak.	Drum level.	Ashwater pump breaker.	Second reheater leak.		Pulvenzer mills.	400 40
	1	Actual								177:01	
	HOURS OF DURATION	Scheduled Forced		23:57	29:00	6:35	11:51	56:31			
	HOL	Scheduled				_	_			3 207:00	
		TO		12/5/2010 22:51	10 11:02 12/18/2010 16:02	12/19/2010 2:09	1/15/2011 7:28 1/15/2011 19:19	2/10/2011 17:47		4/23/2011 8:26 207:00	
	Actual	FROM		12/4/2010 22:45	12/17/2010 11:02	12/18/2010 19:34	1/15/2011 7:28	2/8/2011 9:16		4/15/2011 23:25	
MAINTENANCE		10			•					4/24/2011 15:00	
	Scheduled		or = 6 hours						No outages > or = 6 hours	4/16/2011 0:00	
	Š	FROM	to outages :						No outages		
	1_	HENOM	November No outages > or = 6 hours	December F	IL	IL.	January F	February F	March	April S	

	~		=
Louisville Gas & Electric Company	Cane Run Unit #5 - Coal - 168 MW	In-service May 1966	November 2010 through April 2011

Schedule vs Actual

Louisville Gas & Electric Company Cane Run Unit #6 - Coal - 240 MW In-service May 1969 November 2010 through April 2011

	REASON FOR DEVIATION FROM SCHEDULED MAIN ENANCE OR REASON FOR	Scheduled Forced Actual FORCED OUTAGE AS APPROPRIATE	Switchyard breakers.	Turbine hydraulic system oil leak.
	HOURS OF DURATION	rced Actual	8:16	7:55
	HOURS OF	Scheduled For	ώ	7:
		TO	11/16/2010 10:34	11/30/2010 3:38
	Actual	FROM	11/16/2010 2:18	11/29/2010 19:43
MAINTENANCE		TO		
	Scheduled			
	do.S.	FROM	Li_	LL.
		HLNCW	November F	<u></u>

	Switchyard breakers.	Turbine hydraulic system oil leak.	Turbine valve controls.	Drum level.	Governor valve.	Ashwater pump breaker.	Low pressure turbine noise.	Condenser tube leak.		Air side seal oil cooler leak.
			92:13					19:10		
	8:16	7:55		11:06	11:25	20:59	15:58			23:48
			92:13					19:10		
2	11/16/2010 10:34	11/30/2010 3:38	12/30/2010 17:27	12/31/2010 4:33	1/10/2011 10:29	1/16/2011 4:30	1/16/2011 20:28	1/29/2011 18:19		3/11/2011 19:35
1000	11/16/2010 2:18 11/16/2010 10:34	11/29/2010 19:43	12/26/2010 21:14	12/30/2010 17:27	1/9/2011 23:04	1/15/2011 7:31	1/16/2011 4:30	1/28/2011 23:09		3/10/2011 19:47
2			12/30/2010 17:27					1/29/2011 18:19		
			12/26/2010 21:14					1/28/2011 23:09	No outages > or = 6 hours	
T C C C									No outages	
┨	F	LL	S S	ш	ᄔ	ட	u.	S		ட
MONIH	November F		December S		January				February	March

No outages > or = 6 hours

April

Louisville Gas & Electric Company Mill Creek Unit #1 - Coal - 303 MW In-service August 1972 November 2010 through April 2011

	-		MAINTENANCE			20101	NOITVOI IO 30 SOLICI	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR
		Cohodiilod		Actual		HOURS		TODOCH OF TAGE AS APPROPRIATE
		Scheduled		MOGE	OL OL	Scheduled Forced	Actual	
MONTH	FROM	V	10	MONI				
	u		11/14/2010 15:00	11/14/2010 15:00 10/15/2010 21:49 11/14/2010 10:00 327:00	11/14/2010 10:00	327:00	322:00	322:00 Major boiler overhaul.
	o (	12/10/2010 13:50	12/11/2010 7:31	12/11/2010 7:31 12/10/2010 13:50	12/11/2010 7:31	17:41	17:41	Boiler tube waterwall leak.
December S	n	2000		70:50 0100000101		24:33	24:33	Boiler tube waterwall leak.
	S	12/30/2010 23:27		12/30/20 10 23:21				
vieunel	v	1	1/2/2011 0:01		1/2/2011 1:01 24:01	24:01	24:01	= = = =
	· o	1/31/2011 23:10		1/31/2011 23:10		0:20	0:20	Condenser tube leak.
	n (		2/2/2011 0:51		2/2/2011 0:51	24:51	24:51	= = =
February	S				2/40/2011 12:08 180:03	180.03	180:03	Boiler waterwall tube leak.
March	S	3/12/2011 0:05	3/19/2011 12:08	3/12/2011 0:05				
April	No outag	No outages > or = 6 hours						

any	Š		2011
d E O	301		April
CILIC	Soal.		ough
x Fle	#2 - (	1974	0 thr
consville Gas & Electric Company	Mill Creek Unit #2 - Coal - 301 MW	In-service July 1974	November 2010 through April 2011
sville	Creek	ervice	embe
no	M	n-se	Š

REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	_		Minor boiler overhaul.		Condenser tube leak.	Boiler tube waterwall leak.	Turbine reheat stop valve.	Boiler tube waterwall leak.	Boiler tube waterwall leak.	Deaerator heater access door leak.	Boiler tube waterwall leak.		Boiler tube waterwall leak.	Condenser tube leak.	Wet coal.	Boiler circulating water pump.	Boiler circulating water pump.	Conductors and buses.
NOIT	Actual		145:10	215:11	24:39		47:37		161:33									
HOURS OF DURATION		2010				47:34		23:37		14:00	61:02	6:53	39:34	38:01	11:35	14:17	9:08	11:29
3	ACDE Pelipeda	20100	96:00	279:00	24:39	_	47:37	σ.	4 161:33	6		8	4	9	0	9	8	17
	Ç	2		12/9/2010 23:11	1/26/2011 12:12	2/16/2011 10:44	2/27/2011 23:49	3/1/2011 23:49	3/28/2011 16:14	3/29/2011 8:59		4/1/2011 6:53	4/3/2011 2:24	4/5/2011 2:36	4/26/2011 13:50	4/29/2011 13:40	4/29/2011 22:48	4/30/2011 10:17
	Actual	FROM	11/24/2010 22:50		1/25/2011 11:33	2/14/2011 11:10	2/26/2011 0:12	3/1/2011 0:12	3/21/2011 22:41	3/28/2011 18:59	3/29/2011 10:58		4/1/2011 10:50	4/3/2011 12:35	4/26/2011 2:15	4/28/2011 23:23	4/29/2011 13:40	4/29/2011 22:48
MAINTENANCE		TO	1	12/12/2010 15:00	1/26/2011 12:12		2/27/2011 23:49		3/28/2011 16:14									
	Scheduled	FROM	11/27/2010 0:00		1/25/2011 11:33		2/26/2011 0:12		3/21/2011 22:41									
		HLNOW	S. redmeyor					March T		) ц	- LL		_ u	_ U	. ц	. ц	. и.	. ц.

Louisville Gas & Electric Company Mill Creek Unit #3 - Coal - 391 MW In-service August 1978 November 2010 through April 2011

REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	TEACOL OF TEACH AN APPROPRIATE	TOROGED COLORER NO SIGNATURE		Wet scrubber module.	First reheater leak.	First reheater and superheater leak.	First reheater loak.	Condenser tube leak.	Second superheater leak.	First reheater leak.	First reheater leak.	First reheater leak.	Major boiler overhaul.	:
	-	Actual		2:47		49:24		44:18			25:21		646:15	720:00
NOIT A GILL G. I.					22:38		24:54		60:09	32:03		30:10		
	HOURS	Scheduled Forced		2:47		49:24		44:18			25:21		648:00	720:00
		10		11/1/2010 2:47	11/25/2010 7:47	11/27/2010 9:11	11/30/2010 10:36	12/25/2010 11:26	1/19/2011 2:46	1/29/2011 21:49	2/6/2011 2:09	2/13/2011 16:53	1	
MAINTENANCE	Actual	FROM		10/29/2010 21:55	11/24/2010 9:09	11/25/2010 7:47	11/29/2010 9:42		1/17/2011 3:37	1/28/2011 13:46	2/5/2011 0:48	2/12/2011 10:43	3/5/2011 1:45	
		OT		11/1/2010 2:47 10/29/2010 21		11/27/2010 9:11		12/25/2010 11:26 12/23/2010 15:08			2/6/2011 2:09			<b>†</b>
	Scheduled	POM	TKOM	10/29/2010 21:55		11/25/2010 7:47		12/23/2010 15:08			2/5/2011 0:48		3/5/2011 0:00	<b>†</b>
	_		MONIH	November S	u.	S	lμ	December S	January F	. ц.	February	L.	March	April S

Louisville Gas & Electric Company Mill Creek Unit #4 - Coal - 477 MW In-service September 1982 November 2010 through April 2011

VANCE OR REASON FOR													
DEASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	A A CHICAL TOP CONTINUE AS APPROPRIATE		Air heater wash.	Circl reheater leak		First reheater leak.	First superheater leak.	First reheater leak.	First reheater leak.	First reheater leak.	388:35 Minor boiler overhaul.		Air heater wash.
I CIT Y			83:10	40.40	34.01					37:55	388:35		•
	HOURS OF DURALION	Scheduled Forceu				22:56	82:49	32:05	48:59		_		75:39
-	2 -	Schedule	83:10		34:01					37:55	375:00		m
		10	11/15/2010 9:55		12/6/2010 0:24	12/7/2010 16:31	12/16/2010 4:05	12/18/2010 16:18	1/10/2011 3:19	1/16/2011 11:39	2/28/2011 3:46		4/11/2011 3:18
	Actual	FROM	11/15/2010 9-55 11/11/2010 22:45 11/15/2010 9:55		12/4/2010 14:23	12/6/2010 17:35	12/12/2010 17:16	12/17/2010 8:13	1/8/2011 2:20	1/14/2011 21:44	2/11/2011 23:11		4/7/2011 23:39
MAINTENANCE		TO	11/15/2010 9:55		12/6/2010 0:24					1/16/2011 11:39	2/27/2011 15:00		
	Scheduled	FROM	1	0.1171112	12/4/2010 14:23					1/14/2011 21:44	2/12/2011 0:00	No outages > or = 6 hours	
-	L	L	,	ν N	S	ΙL	ш	. ц	. ц	ဟ	s S	ž	ш
		HLNOW		November S	December S				vanuar.		February	March	April

Louisville Gas & Electric Company Trimble County Unit #1 - Coal - 383 MW (75% ownership share of 511 MW) In-service December 1990 November 2010 through April 2011

	MAINTENANCE	NOTE OF THE PERSON OF THE PERS	PEASON FOR DEVIATION   PROM SCHEDULED MAINTENANCE OR REASON FOR
	Actual	HOURS OF DURALION	
	CH	Scheduled Forced Actual	Schedilled Forced Actual FORCED OUTAGE AS APPROPRIATE
MONTH	FROM TO FROM		
November F	11/7/2010 9:03 11/8/2010 14:22	29:19	Boiler tube waterwall leak.
December	December No outages > or = 6 hours		

January         F         1/10/2011 4:59         1/11/2011 3:00         22:01         Condenser tube leah           S         1/11/2011 3:00         1/12/2011 18:33         1/11/2011 0:33         2/21/2011 0:33         2/21/2011 0:33         2/21/2011 0:34         3/28/2011 0:34         3/28/2011 0:34         3/28/2011 0:34         3/28/2011 18:49         3/28/2011 18:12         3/28/2011 18:04         67:15         First reheater leak.           Hot reheat steam life         F         9:52         Hot reheat steam life	December	December No outages > or = 6 hours	> or = 6 hours							
1/11/2011 3:00         1/12/2011 18:33         1/11/2011 3:00         1/11/2011 18:33         39:33         39:33           2/17/2011 0:38         2/17/2011 0:38         2/17/2011 0:38         2/17/2011 0:38         96:05         96:05           3/26/2011 0:34         3/26/2011 19:49         3/26/2011 19:49         3/26/2011 18:12         3/29/2011 18:04         67:15	January	LL.			1/10/2011 4:59		22	5:01	O	Condenser tube leak.
2/17/2011 0:33         2/21/2011 0:38         2/17/2011 0:38         2/17/2011 0:38         2/21/2011 0:38         96:05         96:05           3/26/2011 0:34         3/26/2011 0:34         3/28/2011 19:49         67:15         67:15           3/29/2011 8:12         3/29/2011 8:12         3/29/2011 18:04         9:52		v	1/11/2011 3:00	1/12/2011 18:33	1/11/2011 3:00	1/12/2011 18:33		36	9:33 A	ir heater wash.
3/26/2011 0:34 3/28/2011 19:49 3/26/2011 0:34 3/29/2011 18:49 67:15 67:15 3/29/2011 18:04 9:52	February	v	2/17/2011 0:33	2/21/2011 0:38	2/17/2011 0:33	2/21/2011 0:38	96:05	96	S:05 A	Air heater baskets.
3/29/2011 8:12 3/29/2011 18:04 9:52	March	o v	3/26/2011 0:34	3/28/2011 19:49	3/26/2011 0:34	3/28/2011 19:49	67:15	9	7:15 F	irst reheater leak.
	N N N N N N N N N N N N N N N N N N N	) Ц			3/29/2011 8:12	3/29/2011 18:04	33	3:52	Τ.	Hot reheat steam line leak.

No outages > or = 6 hours

April

Louisville Gas & Electric Company Trimble County Unit #2 - Coal - 570 MW (75% ownership share of 760 MW) In-service January 2011 November 2010 through April 2011

SON FOR THE STANK TO HED III ED MAINTENANCE OR REASON FOR	REASON FOR DEVIA HON TROM SCHEDOLLD MANNELS WAS CONTRACTED FOR THE PORCED OUTAGE AS APPROPRIATE					Air heaters.	Induced draft fans.	Boiler feed pump recirculation valve.	Instrument air pressure.	Burner inspection.	Condensate system controls.	Burner inspection.	Feedwater pump.	Sootblower control valve.	Turbine high pressure bypass valve.	Boiler inspection.
	Actual									110:10		63:12				694:13
	HOURS OF DURATION eduled Forced Actu					6:51	46:25	6:54	11:07		8:05		15:31	126:21	7:10	
	HOURS Scheduled									110:10		63:12				00:969
	TO					2/3/2011 18:00	2/5/2011 16:25	2/6/2011 0:36	2/17/2011 2:53	3/7/2011 16:30	3/15/2011 16:56	3/20/2011 13:42	3/23/2011 8:26	3/29/2011 14:29	3/30/2011 10:53	
	Actual FROM					2/3/2011 11:09	2/3/2011 18:00	2/5/2011 17:42	2/16/2011 15:46	3/3/2011 2:20	3/15/2011 8:51	3/17/2011 22:30	3/22/2011 16:55	3/24/2011 8:08	3/30/2011 3:43	4/2/2011 1:47
MAINTENANCE	TO	2								3/7/2011 16:30		3/20/2011 13:42				
	Scheduled	MONL	Unit not in commercial status	Unit not in commercial status	No outages > or = 6 hours					3/3/2011 2:20		3/17/2011 22:30				4/2/2011 0:00
-	<b>—</b>		November Ur	December Ur		any F		u.	u.	S	ш.	S	ш.	щ	ᄔ	σ
	TINOW	Š	Nover	Decer	January	February				March						April

\*TC2 began commerical operaton 1/22/2011 0:00

CCL MCCATTE CC TCC TCC TCC TCC TCC TCC TCC TCC T	REASON FOR DEVIATION FROM SCHEDULED MAIN I ENANCE OR REASON FOR	Actual FORCED OUTAGE AS APPROPRIATE
	HOURS OF DURATION	Scheduled Forced Actual
		10
Ш	Actua	FROM
MAINTENAN		TΟ
	Scheduled	FROM
		MONTH

No outages > or = 6 hours
vember

Louisville Gas & Electric Company Cane Run Unit #11 - Gas CT - 14 MW In-service June 1968 November 2010 through April 2011 January No outages > or = 6 hours

No outages > or = 6 hours

December

February No outages > or = 6 hours

.

March No outages > or = 6 hours

April No outages > or = 6 hours

Louisville Gas & Electric Company Paddys Run Unit #11 - Gas CT - 12 MW In-service June 1968 November 2010 through April 2011 REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR FORCED OUTAGE AS APPROPRIATE HOURS OF DURATION

TO Scheduled Forced   Actual   FORCED OUT	TACIN	
Scileduled	FROM	No outages > or = 6 hours
	MONTH	November

Radiator.

10:55

10:55

12/11/2010 19:50 12/11/2010 8:55 12/11/2010 19:50

12/11/2010 8:55

December S

January No outages > or = 6 hours February No outages > or = 6 hours

March No outages > or = 6 hours

April No outages > or = 6 hours

Louisville Gas & Electinc Company Paddys Run Unit #12 - Gas CT - 23 MW In-service July 1968 November 2010 through April 2011

ICE OR REASON FOR

_							
	Scheduled		Actual		HOURS OF DURA	VION	HOURS OF DURATION REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE
HENCW	EROM	TO	FROM	TO	Scheduled Forced	Actual	Actual FORCED OUTAGE AS APPROPRIATE
MON							
November S	10/16/2010 0:00	11/20/2010 10:10		10/16/2010 0:00 11/20/2010 10:10 466:10	466:10	466:10	466:10 Turbine control system upgrade.
U)	11/20/2010 15:36	11/21/2010 10:30	11/21/2010 10:30 11/20/2010 15:36 11/21/2010 10:30	11/21/2010 10:30	18:54	18:54	Turbine control system upgrade.
0,	3 11/21/2010 10:45	11/29/2010 8:00	11/29/2010 8:00 11/21/2010 10:45	11/29/2010 8:00 189:15	189:15	189:15	189:15 Turbine control system upgrade.
December F	P		12/2/2010 8:00	12/4/2010 0:10	40:10		Antifreeze leak.
January	No outages > or = 6 hours						
February	No outages > or = 6 hours						
March	3/9/2011 9:14	3/10/2011 13:44	3/9/2011 9:14	3/10/2011 13:44	28:30	28:30	Air compressor.

No outages > or = 6 hours

April

Louisville Gas & Electric Company Paddys Run Unit # 13 - Gas CT - 158 MW In-service June 2001 November 2010 through April 2011

REASON FOR	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OF VELSCONTON	FORCED OUTAGE AS APPROPRIATE		720:00 Turbine blades replacement.	= = = = =					Turbine blades replacement - testing.				
		Actual		720:00	744:00	744:00	672:00	744:00	517:30	66:29	6:52	15:54	18:17	83:34
	HOURS OF DURATION	Scheduled Forced		720:00	744:00	744:00	672:00	744:00	399:00	66:29	6:52	15:54	18:17	83:34
BONANSHI		TO				1			4/22/2011 13:30	4/25/2011 9:18	4/25/2011 16:33	4/26/2011 8:54	4/27/2011 10:02	
	Actual	FROM				1	1		1	4/22/2011 14:49	4/25/2011 9:41	4/25/2011 17:00	4/26/2011 15:45	4/27/2011 12:26
		LOT				1			4/17/2011 15:00	4/25/2011 9:18	4/25/2011 16:33	4/26/2011 8:54	4/27/2011 10:02	
	Cohodollod	Scheduled	Olvi						1	4/22/2011 14:49	4/25/2011 9:41	4/25/2011 17:00	4/26/2011 15:45	4/27/2011 12:26
			MONIH	November S	December S	S. Veine	_				တ	Ø	Ø	ဟ

Louisville Gas & Electric Company Timble County Unit #5 - Gas CT - 160 MW In-service May 2002 November 2010 through April 2011

			MAINTENANCE			NOITy di la da agricon	NOIF	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR
	200	Scheduled		Actual		HOURS OF DUR	201	TO TO THE TOTAL OF
		-	O.F	LEDOMA	CL	Scheduled Forced	Actual	Actual FORCED COLAGE AS ATTROCKED IN
MONTH	FROM		0	MONL				
November F	ш			11/4/2010 5:41	11/4/2010 5:41 11/22/2010 15:50	442:09		Switchyard circuit breaker.
	и			11/22/2010 16:02	11/22/2010 16:02 11/23/2010 8:52	16:50		Switchyard circuit breaker.
December F	. ц.			12/13/2010 22:27	12/13/2010 22:27 12/14/2010 7:27	00:6		Switchyard transformer.
January	w	1/25/2011 3:25	1/26/2011 15:52		1/25/2011 3:25 1/26/2011 15:52	36:27	36:27	36:27 Switchyard circuit breaker.
February	No outages > or = 6 hours	or = 6 hours						
March	No outages >	No outages > or = 6 hours						
April	ဟ	4/2/2011 0:00	1	4/2/2011 1:12		00:969	694:48	Hot gas path inspection.

Louisville Gas & Electric Company Trimble County Unit #6 - Gas CT - 160 MW In-service May 2002 November 2010 through April 2011

REASON FOR	REASON FOR DEVIATION FROM SCHEDULED INAMATICE CONTROLLED TO THE STATE OF THE STATE	Scheduled Forced Actual FORCED OUTAGE AS APPROPRIATE		720:00 Hot gas path inspection.			Controls.	Switchvard transformer.		Controls.	ومادوم المرابع		Exhaust temperature.		Lube oil pumps.		
	TION	Actual		720:00	179:36						07:07	2.10			13:40		
	HOURS OF DURATION	Forced					9:47	16.33	5.0	74:29			6:32				
	HOURS	heduled		159:00	0:00						!	13:16			13:40		
		S.			12/8/2010 11:36		12/12/2010 13:12		12/14/2010 15:00	12/17/2010 17:29		1/4/2011 23:06	1/12/2011 12:00		2/11/2011 18:40		
	le::40V	Actual	TYCINI TYCINI		1	•	12/12/2010 3:25 12/12/2010 13:12		12/13/2010 22:27 12/14/2010 15:00	12/14/2010 15:00 12/17/2010 17:29		1/4/2011 9:50	1/12/2011 5:28		2/11/2011 5:00	i	
LOTA	MAINIENANCE		10	11/7/2010 15:00					•			1/4/2011 23:06			2/11/2011 18:40	25.2	
		Scheduled	FROM									1/4/2011 9:50			00.0	00.6 1102/11/2	No outages > or = 6 hours
				٥	n tt	S	u	L	u	, ц	L	v.		ц.		თ ^	Š
			MONTH		November	December S						Verior				February	March

No outages > or = 6 hours

April

Louisville Gas & Electric Company Trimble County Unit #7 - Gas CT - 160 MW In-service June 2004 November 2010 through April 2011

TO SOUTH OF THE SO	KEASON FOR DEVIALON FROM SOUTEDOELD WITH THE WOOL OF THE COLUMN SOUTEDOELD WITH THE COLUMN SOUTED WITH THE COLUMN SOUTED WITH THE COLUMN SOUTED WITH THE COLUMN SOUTE	SA A ACTIVAL PORCED OUTAGE AS APPROPRIATE		
	HOURS OF DURA ION	Ichah Boson Actual	ionian Lorca Deriva	
HENANCE	Actual		FROM	
MAIN	Cobodulod	Collegation	FROM	
			HLNOM	

	Cobodillod		Actual		HOURS	OF DURATE	NO O	HOURS OF DURATION   REASON FOR DEVIALION FROM SCHEDOLED MAINTERA
	nannano	CF.	MOGE	J_C_	Scheduled Forced		Actual	FORCED OUTAGE AS APPROPRIATE
MONTH	FROM	2	MORL			_		
November F	LL.		11/4/2010 5:42	11/4/2010 5:42 11/4/2010 16:00		10:18		Switchyard circuit breaker.
	S 11/10/2010 8:02	11/10/2010 19:30	11/10/2010 8:02	11/10/2010 8:02 11/10/2010 19:30	11:28		11:28	11:28 Switchyard circuit breaker.
	S 11/15/2010 11:30	11/15/2010 22:45	11/15/2010 22:45 11/15/2010 11:30 11/15/2010 22:45	11/15/2010 22:45	11:15		11:15	Switchyard circuit breaker.
	S 11/18/2010 8:15	11/18/2010 15:15	11/18/2010 8:15	11/18/2010 15:15	7:00		7:00	Switchyard circuit breaker.
December F	<b>LL</b>		12/13/2010 22:27	12/14/2010 6:41		8:14		Switchyard transformer.
January	No outages > or = 6 hours							
February	No outages > or = 6 hours							
March	No outages > or = 6 hours							
April	No outages > or = 6 hours							

Louisville Gas & Electric Company Trimble County Unit #8 - Gas CT - 160 MW In-service June 2004 November 2010 through April 2011

ED MAINTENANCE OR REASON FOR

		JONES DE LE COM	15		INCITACI IC TO COLICI.	IDEA CONTROL TO DEVIATION FROM SCHEDULED MAIN LENANCE OR
	L-1.1.0		Actual		HOURS OF DURALION	HOURS OF DURATION TREASON FOR DEVIATION TO THE TREASON FOR THE
	Scheduled				String Donney	Actival FORCED OUTAGE AS APPROPRIATE
MONTH	FROM	10	FROM	0	ochednied Foliced Acide	
MON						
November	November No outages > or = 6 hours					
T your			12/6/2010 15:43	12/6/2010 15:43 12/6/2010 23:22	7:39	Regulator.
December						
,			12/13/2010 22:27 12/14/2010 7:03	12/14/2010 7:03	8:36	Switchyard transformer.
-	ш.					
			4/5/2044 7:30	46:0011 16:46	9:16	Starting system switch.
January F	Įı.		05.1 1102/6/1	2000		
•						

No outages > or = 6 hours No outages > or = 6 hours

No outages > or = 6 hours

February March April

Louisville Gas & Electric Company Trimble County Unit #9 - Gas CT - 160 MW In-service July 2004 November 2010 through April 2011

BOS NOS DES BOS BONNETHIN MAINTENANCE SERVICE	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	Actual FORCED OUTAGE AS APPROPRIATE		inlet air vanes.	Controls system upgrade.	Starting system switch.
	TION	Actual				9:00
	HOURS OF DURATION	Forced		27:45	10:43	
	HOURS	Scheduled Forced				00:6
		TO S		12/9/2010 17:45 12/10/2010 21:30	10 21:30 12/11/2010 8:13	12/11/2010 21:00
	Actual	FROM		12/9/2010 17:45	12/10/2010 21:30	12/11/2010 21:00 12/11/2010 12:00 12/11/2010 21:00
MAINTENANCE		TO				12/11/2010 21:00
	Scheduled	FROM	November No outages > or = 6 hours			12/11/2010 12:00
		HLNOW	November	December F	ш	S

No outages > or = 6 hours No outages > or = 6 hours No outages > or = 6 hours

February January

March April

No outages > or = 6 hours

Louisville Gas & Electnc Company Trimble County Unit #10 - Gas CT - 160 MW In-service July 2004 November 2010 through April 2011

	œ										
	REASON FOR DEVIATION FROM SCHEDULED MAINTENANCE OR REASON FOR	FORCED OUTAGE AS APPROPRIATE			Generator lockout trip.	Switchyard transformer.	Control valve leak.	Starting system switch.			Hydrogen cooling system controls.
		Actual									
	HOURS OF DURATION	Scheduled Forced			34:06	13:38	14:25	45:58			13:35
	오	Schedule			90	90	10	33			45
		70			12/11/2010 23:06	12/14/2010 12:05	12/15/2010 21:10	1/7/2011 16:33			4/29/2011 13:45
	Actual	Σ.			12/10/2010 13:00	12/13/2010 22:27	12/15/2010 6:45	1/5/2011 18:35			4/29/2011 0:10
MAINTENANCE		FROM			12/10/20	12/13/20	12/15/.	1/5/2(			4/29/;
		TO TO									
			211	0 3					sını	urs	
	Scheduled	FROM	No contact of Annies	NO Outages / Of - O III.					No outages > or = 6 hours	No outages > or = 6 hours	
		MONTH	November		December F	tr.	ш	January F	February	March	April F

Louisville Gas & Electric Company Zorn Unit #1 - Gas CT - 14 MW In-service May 1969 November 2010 through April 2011

No outages > or = 6 hours No outages > or = 6 hours No outages > or = 6 hours

February January

March April

No outages > or = 6 hours No outages > or = 6 hours

No outages > or = 6 hours

November December

SCH NOSPHS SCHOOL SCHOOL STATE STATE SCHOOL	HOURS OF DURATION   REASON FOR DEVIATION FROM SCHEDULED MAIN FENANCE ON NEASON FOR	Actual FORCED OUTAGE AS APPROPRIATE	
MAINTENANCE	Actual HOURS OF DURATION	Scheduled Forced Actual	TKOW TKOW
			MONTH

Schedule vs Actual

ŧ				

#### LOUISVILLE GAS AND ELECTRIC COMPANY

### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### Question No. 8

Witness: Mike Dotson

- Q-8. List all existing fuel contracts categorized as long-term (i.e., one year or more in length). Provide the following information for each contract:
  - a. Supplier's name and address;
  - b. Name and location of production facility;
  - c. Date when contract was executed;
  - d. Duration of contract;
  - e. Date(s) of each contract revision, modification or amendment;
  - f. Annual tonnage requirements;
  - g. Actual annual tonnage received since the contract's inception;
  - h. Percentage of annual requirements received during the contract's term;
  - i. Base price in dollars per ton;
  - j. Total amount of price escalations to date in dollars per ton; and
  - k. Current price paid for coal under the contract in dollars per ton (i + j).
- A-8. Please see the attached sheets.

Alliance Coal, LLC / J09002 A. NAME/ADDRESS:

> 1717 South Boulder Av., Suite 400 Tulsa, Oklahoma 74119-4886

**B. PRODUCTION FACILITY:** 

River View Coal, LLC **OPERATOR MINE** River View Mine

Union County, Kentucky **LOCATION** 

November 10, 2008 C. CONTRACT EXECUTED DATE:

November 3, 2008 – December 31, 2015 D. CONTRACT DURATION:

E. CONTRACT AMENDMENTS: Amendment No. 1, effective May 1, 2010

amending Barge Delivery and adding Barge

Shifting Fee.

969,072 tons 2010 F. ANNUAL TONNAGE

(includes FM of 30,928 tons) **REQUIREMENTS:** 

> 2011 2,000,000 tons 2012 2,000,000 tons 2013 2,000,000 tons 2014 2,000,000 tons 2015 2,000,000 tons

KU G. ACTUAL TONNAGE LG&E

2010 525,414 tons 443,658 tons RECEIVED:

217,313 tons 2011 378,015 tons

(through 4/30/11)

2010 100% H. PERCENT OF ANNUAL

2011 20% (through 4/30/11) **REQUIREMENTS:** 

April 1, 2008 \$41.00 per ton I. BASE PRICE (FOB Barge):

J. ESCALATIONS TO DATE: \$6.18 per ton

\$47.18 per ton K. CURRENT CONTRACT PRICE:

Alliance Coal, LLC / LGE06010 A. NAME/ADDRESS:

1717 South Boulder Avenue – Suite 400

Tulsa, Oklahoma 74119-4886

B. PRODUCTION FACILITY:

OPERATOR:

Hopkins County Coal, Warrior Coal, LLC

and Webster County Coal, LLC

Seller's Mines MINE:

Western Kentucky LOCATION:

December 16, 2005 C. CONTRACT EXECUTED DATE:

January 1, 2006 - December 31, 2011 D. CONTRACT DURATION:

Amendment No. 1 effective September 6, E. CONTRACT AMENDMENTS:

2006, amending payment terms.

Amendment No. 2 effective January 1, 2007, detailing shipping method for

tonnage.

Amendment No. 3 effective March 1, 2007,

amending payment calculations.

Amendment No. 4 effective January 1,

2008, amending pricing.

Amendment No. 5 effective January 1,

2009, amending pricing and adding Delivery

Option 4.

Amendment No. 6 effective January 1,

2010, amending pricing.

Amendment No. 7 effective January 1,

2011, amending pricing.

2006 Up to 3,500,000 tons (Total with F. ANNUAL TONNAGE

Synfuel Solutions Operating **REQUIREMENTS:** 

Contract)

Up to 4,000,000 tons (Total with 2007

Synfuel Solutions Operating

Contract)

through 2011 - 4,000,000 tons per 2008

year

3,472,671 tons G. ACTUAL TONNAGE 2006 RECEIVED:

4,021,560 tons 2007

> 2008 3,930,230 tons

2009 4,040,181 tons

2010 3,942,538 tons

1,289,046 tons (through 4/30/11) 2011

Н.	PERCENT OF ANNUAL REQUIREMENTS:	2006 2007 2008 2009 2010 2011	99% 100% 98% 100% 99% 32% (through 4/30/11)
I.	BASE PRICE:	2006	Delivery Option 1 - \$31.00 per ton Delivery Option 2 - \$31.75 per ton Delivery Option 3 - \$32.75 per ton Synfuel Option - \$29.85 per ton
		2007	Delivery Option 1 - \$32.09 per ton Delivery Option 2 - \$32.48 per ton Delivery Option 3 - \$33.50 per ton Synfuel Option - \$30.94 per ton
		2008	Delivery Option 1 - \$32.24 per ton Delivery Option 2 - \$32.51 per ton Delivery Option 3 - \$33.33 per ton
		2009	Delivery Option 1 - \$33.80 per ton Delivery Option 2 - \$34.21 per ton Delivery Option 3 - \$34.97 per ton Delivery Option 4 - \$34.86 per ton
		2010	Delivery Option 1 - \$36.32 per ton Delivery Option 2 - \$36.70 per ton Delivery Option 3 - \$37.56 per ton Delivery Option 4 - \$37.45 per ton
		2011	Delivery Option 1 - \$38.57 per ton Delivery Option 2 - \$39.00 per ton Delivery Option 3 - \$39.90 per ton Delivery Option 4 - \$39.78 per ton
J.	ESCALATIONS TO DATE:		None
K	. CURRENT CONTRACT PRICE:		Delivery Option 1 - \$38.57 per ton Delivery Option 2 - \$39.00 per ton Delivery Option 3 - \$39.90 per ton Delivery Option 4 - \$39.78 per ton

A. NAME/ADDRESS: Armstrong Coal Company, Inc / J07032

407 Brown Road

Madisonville, Kentucky 42431

**B. PRODUCTION FACILITY:** 

OPERATOR Armstrong Coal Company, Inc MINES Various

LOCATION Muhlenberg County and Ohio County,

Kentucky

C. CONTRACT EXECUTED DATE: December 20, 2007

D. CONTRACT DURATION: January 1, 2008 - December 31, 2016

E. CONTRACT AMENDMENTS: Amendment No. 1, effective July 1, 2008

amending base quantity and modifying diesel fuel adjustment to include explosives. Amendment No. 2, effective December 22, 2009 amending term, base quantity, price

and environmental force majeure.

F. ANNUAL TONNAGE 2008 600,000 tons REQUIREMENTS: 2009 2,200,000 tons

2010 1,800,000 tons

2011 through 2015 - 2,100,000 tons per year

2016 900,000 tons

G. ACTUAL TONNAGE: <u>LG&E</u> <u>KU</u>

RECEIVED: 2008 511,414 tons 82,623 tons 2009 1,530,482 tons 632,077 tons 2010 1,180,206 tons 657,930 tons

2011 370,029 tons 365,268 tons

(through 4/30/11)

H. PERCENT OF ANNUAL 2008 99% REQUIREMENTS: 2009 98%

2010 102%

2011 35% (through 4/30/11)

I. BASE PRICE (FOB Barge) 2008 Quality 1 - \$27.31 per ton

Quality 2 - \$28.30 per ton

2009 Quality 1 - \$27.60 per ton Quality 2 - \$28.76 per ton

2010 Quality 1 - \$28.18 per ton

Quality 2 - N/A

# Attachment to Response to Question No. 8 Page 5 of 20 Dotson

2011	Quality 1 - \$28.19 per ton Quality 2 - \$29.61 per ton
2012	Quality 1 - \$28.35 per ton Quality 2 - \$29.77 per ton
2013	Quality 1 - \$28.35 per ton Quality 2 - \$29.77 per ton
2014	Quality 1 - \$28.50 per ton Quality 2 - \$29.92 per ton
2015	Quality 1 - \$28.50 per ton Quality 2 - \$29.92 per ton
2016	Quality 1 - \$30.25 per ton Quality 2 - \$31.67 per ton
\$0.00	per ton

J. ESCALATIONS TO DATE:

K. CURRENT CONTRACT PRICE:

Quality 1 - \$28.19 per ton

A. NAME/ADDRESS: Armstrong Coal Company, Inc / J10009

407 Brown Road

Madisonville, Kentucky 42431

**B. PRODUCTION FACILITY:** 

OPERATOR Armstrong Coal Company, Inc

MINES Various

LOCATION Muhlenberg County and Ohio County,

Kentucky

C. CONTRACT EXECUTED DATE: December 22, 2009

D. CONTRACT DURATION: January 1, 2011 - December 31, 2016

E. CONTRACT AMENDMENTS: None

F. ANNUAL TONNAGE 2011 1,250,000 tons REQUIREMENTS: 2012 1,250,000 tons

2013 1,250,000 tons 2014 750,000 tons 2015 750,000 tons 2016 750,000 tons

G. ACTUAL TONNAGE: <u>LG&E</u> <u>KU</u>

RECEIVED: 2011 171,166 tons 194,684 tons

(through 4/30/11)

H. PERCENT OF ANNUAL 2011 29% (through 4/30/11)

REQUIREMENTS:

I. BASE PRICE (FOB Barge) 2011 \$42.00 per ton

2012 \$43.50 per ton 2013 \$45.00 per ton

J. ESCALATIONS TO DATE: \$1.68 per ton

K. CURRENT CONTRACT PRICE: \$43.68 per ton

A. NAME/ADDRESS:

COALSALES, LLC / KUF06118-

LGE06012-J07005-J07006

701 Market Street

St. Louis, Missouri 63101

**B. PRODUCTION FACILITY:** 

OPERATOR MINE

LOCATION

Patriot Coal and Ohio Coal Patriot and Freedom Mines Henderson County, Kentucky

**OPERATOR** 

**MINE** 

LOCATION

Black Beauty Coal Company

Somerville Mine

Gibson County, Indiana

C. CONTRACT EXECUTED DATE: May 23, 2006

D. CONTRACT DURATION:

April 1, 2006 – December 31, 2011

E. CONTRACT AMENDMENTS:

Amendment No. 1 effective September 1, 2006. Amending payment procedures. Amendment No. 2 effective November 20,

2006, adding coal synfuel.

Amendment No. 3 effective March 1, 2007.

Amending payment calculation.

Amendment No.4 effective July 1, 2007

adding tonnage to year 2007.

Amendment No.5 effective January 1, 2008

amending term, tonnage and price.

Amendment No. 6 effective January 1, 2009

amending term, tonnage and price

F.	ANNUAL TONNAGE
	REQUIREMENTS:

2006 937,500 tons 2007 2,000,000 tons 2008 1,400,000 tons 2009 1,000,000 tons 2010 1,000,000 tons 2011 1,000,000 tons

G. ACTUAL TONNAGE RECEIVED:

	<u>KU</u>	<u>LGE</u>
2006	0 tons	957,654 tons
2007	225,229 tons	1,770,880 tons
2008	181,615 tons	1,142,551 tons
2009	3,106 tons	991,558 tons
2010	0 tons	962,437 tons
2011	131,137 tons	282,973 tons

# Attachment to Response to Question No. 8 Page 8 of 20 Dotson

(through 4/30/11)

H. PERCENT OF ANNUAL	2006	102%
REQUIREMENTS:	2007	100%
	2008	96%
	2009	99%
	2010	96%
	2011	41% (through 4/30/11)
I. BASE PRICE (FOB Barge):	2006	\$29.95 per ton – Quality A Barge \$30.36 per ton – Quality B Barge
	2007	\$30.60 per ton – Quality A Barge \$31.02 per ton – Quality B Barge
	2008	\$31.60 per ton – Barge
	2009	\$30.41 – Rail (first 750,000 tons) \$36.25 – Rail (next 250,000 tons)

2011 \$39.25 per ton

2010 \$37.25 per ton

J. ESCALATIONS TO DATE: \$1.16 per ton

K. CURRENT CONTRACT PRICE: \$40.41 per ton

A. NAME/ADDRESS:

Consol Energy / J10008 1800 Washington Road Pittsburgh, PA 15241

**B. PRODUCTION FACILITY:** 

OPERATOR:

Consolidation Coal Company

MINES:

LOCATION:

Shoemaker

Marshall County, WV

C. CONTRACT EXECUTED DATE:

January 7, 2010

D. CONTRACT DURATION:

June 1, 2010 - December 31, 2014

E. CONTRACT AMENDMENTS:

None

F. ANNUAL TONNAGE

REQUIREMENTS

2010 250,000 tons

2011 1,210,478 tons

(includes FM of 39,522 tons)

2012 0 tons

2013 500,000 tons

2014 1,000,000 tons

G. ACTUAL TONNAGE:

RECEIVED:

<u>KU</u> <u>LGE</u>

2010 142,822 tons 205,534 tons

2011 355,215 tons 44,735 tons

(through 4/30/11)

H. PERCENT OF ANNUAL

REQUIREMENTS:

2010 139%

2011 33% (through 4/30/11)

I. BASE PRICE: (FOB Barge)

2010 \$52.50 per ton

2011 \$54.50 per ton

2012 Reopener – no agreement for 2012

2013 Reopener

2014 Reopener

J. ESCALATIONS TO DATE:

None

K. CURRENT CONTRACT PRICE:

\$54.50 per ton

Oxford Mining Company – Kentucky, LLC A. NAME/ADDRESS: (contract acquired on 9/30/09 from

Charolais Coal Sales, LLC) / J07003

544 Chestnut Street Coshocton, Ohio 43812

**B. PRODUCTION FACILITY:** 

**OPERATOR** 

Charolais Coal No.1, LLC & Charolais Coal

Resources, LLC

**MINE** 

**LOCATION** 

Vogue West & Rock Crusher Mines Muhlenberg County, Kentucky

December 21, 2006 C. CONTRACT EXECUTED DATE:

D. CONTRACT DURATION:

January 1, 2007 – December 31, 2011

Contract assigned from Phoenix Coal Corp. E. CONTRACT AMENDMENTS:

& Charolais Coal Sales, LLC effective October 1, 2009. Amendment No. 1,

effective October 1, 2009, extended term to December 31, 2011, adjusted yearly base quantity. Amendment No. 2 effective April 15, 2011, extended term to December 31,

2012, adjusted yearly base quantity.

F. ANNUAL TONNAGE	2007	591,172 tons
REQUIREMENTS:	2008	464,372 tons
	2009	791,336 tons
	2010	642,579 tons

2011 673,197 tons 250,000 tons 2012

KU **LGE** G. ACTUAL TONNAGE RECEIVED:

361,950 tons 229,223 tons 2007 79,983 tons 384,389 tons 2008 598,474 tons 192,863 tons 2009 367,542 tons 275,035 tons 2010 26,824 tons 150,602 tons 2011

(through 4/30/11)

2007 H. PERCENT OF ANNUAL REQUIREMENTS:

100% 100% 2008 100% 2009 2010 100%

26% (through 4/30/11) 2011

## Attachment to Response to Question No. 8 Page 11 of 20 Dotson

I. BASE PRICE (FOB Barge): 2007 \$32.20 per ton

2008 \$32.75 per ton 2009 \$34.10 per ton 2010 \$36.10 per ton 2011 \$36.10 per ton

J. ESCALATIONS TO DATE: None

K. CURRENT CONTRACT PRICE: \$36.10 per ton

### Attachment to Response to Question No. 8 Page 12 of 20 Dotson

A. NAME/ADDRESS: Patriot Coal Sales, LLC / J07037 12312 Olive Boulevard, Suite 400

St. Louis, Missouri 63141

**B. PRODUCTION FACILITY:** 

OPERATOR Patriot Coal and Ohio County Coal

MINE Patriot and Freedom Mines LOCATION Henderson County, Kentucky

C. CONTRACT EXECUTED DATE: January 15, 2008

D. CONTRACT DURATION: January 1, 2008 - December 31, 2011

E. CONTRACT AMENDMENTS: Amendment No. 1 effective January 1, 2010

extending term to 12/31/2011

F. ANNUAL TONNAGE 2008 1,250,000 tons REQUIREMENTS: 2009 1,250,000 tons

G. ACTUAL TONNAGE <u>LG&E</u> <u>KU</u>

RECEIVED: 2008 699,815 tons 470,649 tons 2009 428,872 tons 733,892 tons

2010 0 tons 89,733 tons 2011 4,807 tons 20,620 tons

(through 4/30/11)

H. PERCENT OF ANNUAL 2008 94% REQUIREMENTS: 2009 93%

REQUIREMENTS: 2009 93% 2010 carry-over

2011 carry-over

I. BASE PRICE (FOB Barge): 2008 \$30.00 per ton

2009 \$31.00 per ton

J. ESCALATIONS TO DATE: None

K. CURRENT CONTRACT PRICE: \$31.00 per ton

#### Attachment to Response to Question No. 8 Page 13 of 20 Dotson

Patriot Coal Sales, LLC / J09001 A. NAME/ADDRESS:

12312 Olive Boulevard, Suite 400

St. Louis, Missouri 63141

**B. PRODUCTION FACILITY:** 

Patriot Coal, Ohio County Coal and **OPERATOR** 

Highland Mining Company, LLC

Patriot, Freedom and HighlandMines **MINE LOCATION** 

Henderson and Union Counties, Kentucky

February 24, 2009 C. CONTRACT EXECUTED DATE:

January 1, 2009 - December 31, 2010 D. CONTRACT DURATION:

E. CONTRACT AMENDMENTS: None

200,000 tons F. ANNUAL TONNAGE 2009 1,000,000 tons 2010 **REQUIREMENTS:** 

KU LG&E G. ACTUAL TONNAGE

63,647 tons 136,923 tons 2009 RECEIVED: 511,292 tons 467,745 tons 2010 15,946 tons 0 tons 2011

2009 100% H. PERCENT OF ANNUAL 98% **REQUIREMENTS:** 2010

carry-over 2011

\$38.00 per ton Quality 1 2009 I. BASE PRICE (FOB Barge):

\$49.00 per ton Quality 2

\$39.00 per ton Quality 1 2010

\$51.00 per ton Quality 2

\$1.277 per ton Quality 1 J. ESCALATIONS TO DATE:

\$1.685 per ton Quality 2

\$40.277 per ton Quality 1 K. CURRENT CONTRACT PRICE:

\$52.685 per ton Quality 2

### Attachment to Response to Question No. 8 Page 14 of 20 Dotson

A. NAME/ADDRESS: Patriot Coal Sales, LLC / J10002 12312 Olive Boulevard, Suite 400

St. Louis, Missouri 63141

**B. PRODUCTION FACILITY:** 

**OPERATOR** 

Patriot Coal, Ohio County Coal and Highland Mining Company, LLC Patriot, Freedom and Highland Mines

MINE LOCATION

Henderson and Union Counties, Kentucky

C. CONTRACT EXECUTED DATE:

D. CONTRACT DURATION:

January 1, 2010 - December 31, 2011

E. CONTRACT AMENDMENTS:

None

F. ANNUAL TONNAGE REQUIREMENTS:

2010 100,000 tons 2011 200,000 tons

December 3, 2009

G. ACTUAL TONNAGE RECEIVED:

LG&E KU

2010 3,186 tons 88,988 tons

2011 14,408 tons 62,046 tons

(through 4/30/11)

H. PERCENT OF ANNUAL

REQUIREMENTS:

2010 92%

2011 38% (through 4/30/11)

I. BASE PRICE (FOB Barge):

2010 \$43.00 per ton 2011 \$43.00 per ton

J. ESCALATIONS TO DATE:

\$3.613 per ton

K. CURRENT CONTRACT PRICE:

\$46.613 per ton

#### Attachment to Response to Question No. 8 Page 15 of 20 Dotson

Patriot Coal Sales, LLC / J10010 A. NAME/ADDRESS: 12312 Olive Boulevard, Suite 400

St. Louis, Missouri 63141

**B. PRODUCTION FACILITY:** 

**OPERATOR** 

**MINE** 

Patriot Coal, Ohio County Coal and Highland Mining Company, LLC

Patriot, Freedom and Highland Mines Henderson and Union Counties, Kentucky LOCATION

January 20, 2010 C. CONTRACT EXECUTED DATE:

January 1, 2010 - December 31, 2011 D. CONTRACT DURATION:

None E. CONTRACT AMENDMENTS:

240,000 tons F. ANNUAL TONNAGE 2010 240,000 tons 2011 **REQUIREMENTS:** 

LG&E KU G. ACTUAL TONNAGE

15,969 tons 206,827 tons 2010 RECEIVED:

2011 12,757 tons 69,692 tons

(through 4/30/11)

93% 2010 H. PERCENT OF ANNUAL

34% (through 4/30/11) REQUIREMENTS: 2011

I. BASE PRICE (FOB Barge): 2010 \$41.25 per ton

\$41.25 per ton 2011

\$2.137 per ton J. ESCALATIONS TO DATE:

\$43.387 per ton K. CURRENT CONTRACT PRICE:

A. NAME/ADDRESS: Rhino Energy, LLC / J08028

3120 Wall Street, Suite 310 Lexington, Kentucky 40513

**B. PRODUCTION FACILITY:** 

OPERATOR Sands Hill Coal Company

MINE Sands Hill Mine

LOCATION Jackson and Vinton Counties, Ohio

C. CONTRACT EXECUTED DATE: July 13, 2008

D. CONTRACT DURATION: July 1, 2008 – December 31, 2012

E. CONTRACT AMENDMENTS: None

F. ANNUAL TONNAGE 2008 90,000 tons REQUIREMENTS: 2009 360,000 tons 2010 360,000 tons 2011 360,000 tons 2012 360,000 tons

G. ACTUAL TONNAGE <u>LG&E</u> <u>KU</u>

RECEIVED: 2008 31,033 tons 53,552 tons 2009 148,063 tons 218,005 tons 2010 118,375 tons 225,346 tons 2011 0 tons 80,504 tons

(through 4/30/11)

H. PERCENT OF ANNUAL 2008 94% REQUIREMENTS: 2009 102%

2010 95%

2011 22% (through 4/30/11)

I. BASE PRICE (FOB Barge): 2008 \$49.25 per ton

2009 \$49.25 per ton 2010 \$50.25 per ton 2011 \$51.85 per ton 2012 \$53.40 per ton

J. ESCALATIONS TO DATE: -\$1.52 per ton

K. CURRENT CONTRACT PRICE: \$50.33 per ton

A. NAME/ADDRESS:

The American Coal Company / J08016

101 Prosperous Place, Suite 125 Lexington, Kentucky 40509

B. PRODUCTION FACILITY:

**OPERATOR:** 

The American Coal Company

MINES:

Galatia Mine

LOCATION:

Saline County, Illinois

C. CONTRACT EXECUTED DATE:

April 1, 2008

D. CONTRACT DURATION:

July 1, 2008 - December 31, 2010

E. CONTRACT AMENDMENTS:

None

F. ANNUAL TONNAGE REQUIREMENTS:

2008 280,000 tons 2009 600,000 tons

2010 600,000 tons

G. ACTUAL TONNAGE: RECEIVED:

<u>KU</u>
2008 203,131 tons 35,918 tons
2009 589,290 tons 0 tons
2010 631,384 tons 7,898 tons
2011 12,779 tons 0 tons

H. PERCENT OF ANNUAL

REQUIREMENTS:

2008 85% 2009 98% 2010 107% 2011 carry-over

I. BASE PRICE: (FOB Plant)

Green River

2008 \$66.00 per ton 2009 \$66.00 per ton 2010 \$66.00 per ton

BASE PRICE: (FOB Barge)

2008 \$54.00 per ton 2009 \$54.00 per ton 2010 \$54.00 per ton

J. ESCALATIONS TO DATE:

FOB Plant \$1.67 per ton

FOB Barge

# Attachment to Response to Question No. 8 Page 18 of 20 Dotson

\$2.29 per ton

K. CURRENT CONTRACT PRICE:

FOB Plant \$67.67 per ton

FOB Barge \$56.29 per ton

### Attachment to Response to Question No. 8 Page 19 of 20 Dotson

A. NAME/ADDRESS: The American Coal Company / J10005

101 Prosperous Place, Suite 125 Lexington, Kentucky 40509

**B. PRODUCTION FACILITY:** 

OPERATOR: The American Coal Company

MINES: Galatia Mine

LOCATION: Saline County, Illinois

C. CONTRACT EXECUTED DATE: December 23, 2009

D. CONTRACT DURATION: January 1, 2010 - December 31, 2014

E. CONTRACT AMENDMENTS: None

F. ANNUAL TONNAGE 2010 250,000 tons REQUIREMENTS: 2011 750,000 tons

2012 Reopener – no agreement after 2011

G. ACTUAL TONNAGE: <u>KU</u> <u>LGE</u>

RECEIVED: 2010 243,808 tons 0 tons 2011 201,114 tons 27,351 tons

(through 4/30/11)

H. PERCENT OF ANNUAL

REQUIREMENTS: 2010 98% 2011 30% (through 4/30/11)

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I. BASE PRICE: (FOB Barge) 2010 \$43.00 per ton 2011 \$46.00 per ton

J. ESCALATIONS TO DATE: \$0.68 per ton

K. CURRENT CONTRACT PRICE: \$46.68 per ton

### Attachment to Response to Question No. 8 Page 20 of 20 Dotson

A. NAME/ADDRESS: Western Kentucky Minerals, Inc. / J10001

P.O. Box 155

Philpot, Kentucky 42366

**B. PRODUCTION FACILITY:** 

OPERATOR: Western Kentucky Minerals, Inc. MINES: Joe's Run and Sun Energy Mines

LOCATION: Daviess County, Kentucky and Pike County,

Indiana

C. CONTRACT EXECUTED DATE: December 8, 2009

D. CONTRACT DURATION: April 1, 2010 - December 31, 2012

E. CONTRACT AMENDMENTS: None

F. ANNUAL TONNAGE 2010 253,300 tons REQUIREMENTS: 2011 403,300 tons

2012 403,300 tons

G. ACTUAL TONNAGE: <u>KU</u> <u>LGE</u>

RECEIVED: 2010 141,289 tons 98,507 tons

2011 90,184 tons 1,605 tons

(through 4/30/11)

H. PERCENT OF ANNUAL

REQUIREMENTS: 2010 95%

2011 23% (through 4/30/11)

I. BASE PRICE: (FOB Barge) 2010 \$48.35 per ton

2011 \$48.35 per ton

2012 \$48.35 per ton

J. ESCALATIONS TO DATE: \$16.58 per ton

K. CURRENT CONTRACT PRICE: \$64.93 per ton

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### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### **Question No. 9**

Witness: Mike Dotson

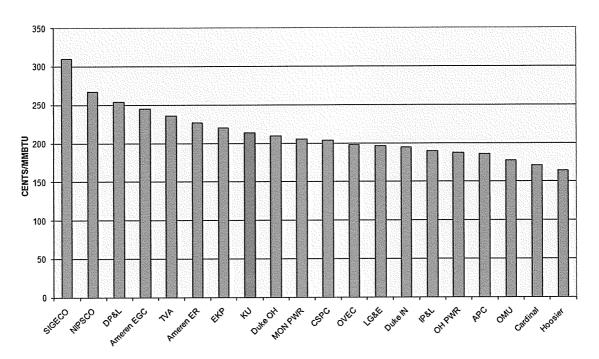
- Q-9. a. State whether LG&E regularly compares the price of its coal purchases with those paid by other electric utilities.
  - b. If yes, state:
    - (1) How LG&E's prices compare with those of other utilities for the review period. Include all prices used in the comparison in cents per MMbtu.
    - (2) The utilities that are included in this comparison and their locations.
- A-9. a. Yes.
  - b. LG&E compares pricing of its coal purchases with neighboring utilities from data that is compiled by Energy Velocity database. The utilities included in the comparison are shown on the list found on page 1 of the Attachment to this response. The chart found on page 2 of the Attachment shows the comparison for coal greater than 5.0 lbs. SO2 content, which is in line with LG&E's scrubbed units.

# Attachment to Response to Question No. 9 Page 1 of 2 Dotson

#### **Utilities in Comparison List**

UTILITY	ABBREVIATED	PLANT LOCATIONS
AmerenEnergy Generating Co	Ameren ER	Illinois
AmerenEnergy Resources Generating Co	Ameren EGC	Illinois
Appalachian Power Co	APC	Virginia, West Virginia
Cardinal Operating (AEP)	Cardinal	Ohio
Columbus Southern Power Co	CSPC	Kentucky, Ohio
Dayton Power & Light Co (The)	DP&L	Ohio
Duke Energy Indiana	Duke IN	Indiana
Duke Energy Ohio	Duke OH	Ohio
East Kentucky Power Coop	EKP	Kentucky
Electric Energy Inc	EEI	Illinois
Hoosier Energy Rural Electric Coop Inc	Hoosier	Indiana
Indiana Kentucky Electric Corp	IKEC	Indiana
Indiana Michigan Power Co	IMPC	Indiana
Indianapolis Power & Light	IP&L	Indiana
Kentucky Power Co	KPC	Kentucky
Kentucky Utilities Co	KU	Kentucky
Louisville Gas & Electric Co	LG&E	Kentucky
Monongahela Power Co	MON PWR	West Virginia
Northern Indiana Public Service Co	NIPSCO	Indiana
Ohio Power Co	OH PWR	Ohio, West Virginia
Ohio Valley Electric Corp	OVEC	Ohio
Owensboro Municipal Utilities	OMU	Kentucky
Southern Indiana Gas & Electric Co	SIGECO	Indiana
Tennessee Valley Authority	TVA	Alabama, Kentucky, Tennessee

#### "Scrubbed" Price Comparison (Jun 10 - May 11)



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### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### Question No. 10

Witness: Mike Dotson

- Q-10. State the percentage of LG&E's coal, as of the date of this Order, that is delivered by:
  - a. Rail;
  - b. Truck; or
  - c. Barge.
- A-10. a. Rail 60%
  - b. Truck 0%
  - c. Barge 40%

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### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### Question No. 11

Witness: Mike Dotson

- Q-11. a. State LG&E's coal inventory level in tons and in number of days' supply as of April 30, 2011. Provide this information by generating station and in the aggregate.
  - b. Describe the criteria used to determine number of days' supply.
  - c. Compare LG&E's coal inventory as of April 30, 2011 to its inventory target for that date for each plant and for total inventory.
  - d. If actual coal inventory exceeds inventory target by 10 days' supply, state the reasons for excessive inventory.
    - (1) State whether LG&E expects any significant changes in its current coal inventory target within the next 12 months.
    - (2) If yes, state the expected change and the reasons for this change.

#### A-11.

a. As of April 30, 2011:

Cane Run	207,198 Tons; 36 Days	Target 23 – 43 Days
Mill Creek	902,768 Tons; 61 Days	Target 25 – 46 Days
Trimble County*	289,551 Tons; 51 Days	Target 25 – 46 Days
Total	1,399,517 Tons; 53 Days	Target 25 – 45 Days

- \* Trimble County coal inventory includes both PRB and high sulfur coal used for Trimble County Unit 2.
- b. The method of calculating days in inventory is based on each plant's coal burn capability (coal tons divided by 90% of each generating unit's heat input description from its air permit to operate).

Upper and lower tons/day targeted inventory days were established for each plant taking into consideration each plant's operating parameters. Each plant's "least cost" inventory range is established annually during the planning process based on historical coal burn/receipt variances, procurement reaction time for long-term fuel supply agreements, current coal and electricity prices offset by carrying and outage costs.

- c. See (a) above.
- d. Mill Creek exceeded the inventory target by 15 days, due to an extended outage on Unit 3.
  - (1) LG&E does not expect significant changes in its current coal inventory target levels; however, during the Companies' planning cycle minor adjustments may be made to the inventory targets if warranted.
  - (2) Not applicable.

### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

Question No. 12

Witness: Mike Dotson

- Q-12. a. State whether LG&E has audited any of its coal contracts during the period from November 1, 2010 through April 30, 2011.
  - b. If yes, for each audited contract:
    - (1) Identify the contract;
    - (2) Identify the auditor;
    - (3) State the results of the audit; and
    - (4) Describe the actions that LG&E took as a result of the audit.
- A-12. a. No. LG&E has not conducted any financial audits of coal companies. LG&E's current coal contracts are fixed price or a portion of the base contract price is adjusted using government published indices to reflect the changes in the cost. These agreements thus do not require audits. LG&E's Manager Fuels Technical Services or Mining Engineer does conduct scheduled on-site reviews and inspections of the mining operations and sampling systems of each vendor up to twice a year and may conduct unscheduled visits. Additionally, LG&E employees may visit a vendor as needed to address problems and issues at any time.

Coal mine safety regulations were imposed by the Federal Mine Safety and Health Administration. The U. S. Congress passed the Mine Improvement and New Emergency Response Act of 2006 (MINER Act), which became law on June 15, 2006. For claims received, KU has hired Weir International, Inc. (a consultant with experience in the mining industry) to review the requests.

Smoky Mountain Coal, in accordance with the provisions of Section 8.3 New Imposition of Agreement KUF-02860, requested a price increase for the periods of July 1, 2007 – May 31, 2008 and June 1, 2008 – September 30,

2008. Weir is reviewing the claims for this period. As indicated in the response to Question No. 14, LG&E is currently in litigation on this contract.

Patriot Coal Sales LLC, in accordance with the provisions of Section 8.5 Price Adjustment for Changes in Governmental Impositions of Contract J09001, requested price increase for the period of July 1, 2010 through the expiration of the Agreement. A copy of the Settlement Agreement and Release is being filed with the Commission under seal pursuant to a Petition for Confidential Treatment.

Patriot Coal Sales LLC, in accordance with the provisions of Section 8.5 Price Adjustment for Changes in Governmental Impositions of Contract J10010, requested price increase effective October 1, 2010 through the expiration of the Agreement for rock dusting per the "September 2010 ETS". A copy of the Settlement Agreement and Release is being filed with the Commission under seal pursuant to a Petition for Confidential Treatment.

Patriot Coal Sales LLC, in accordance with the provisions of Section 8.5 Price Adjustment for Changes in Governmental Impositions of Contract J10002, requested price increase effective October 1, 2010 through the expiration of the Agreement for rock dusting per the "September 2010 ETS". A copy of the Settlement Agreement and Release is being filed with the Commission under seal pursuant to a Petition for Confidential Treatment.

b. Not applicable

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### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### **Question No. 13**

Witness: Robert M. Conroy

- Q-13. a. State whether LG&E has received any customer complaints regarding its FAC during the period from November 1, 2010 through April 30, 2011.
  - b. If yes, for each complaint, state:
    - (1) The nature of the complaint; and
    - (2) LG&E's response.
- A-13. a. No.
  - b. Not applicable.

### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

#### Question No. 14

Witness: Mike Dotson

- Q-14. a. State whether LG&E is currently involved in any litigation with its current or former coal suppliers.
  - b. If yes, for each litigation:
    - (1) Identify the coal supplier;
    - (2) Identify the coal contract involved;
    - (3) State the potential liability or recovery to LG&E;
    - (4) List the issues presented; and
    - (5) Provide a copy of the complaint or other legal pleading that initiated the litigation and any answers or counterclaims. If a copy has previously been filed with the Commission, provide the date on which it was filed and the case in which it was filed.
  - c. State the current status of all litigation with coal suppliers.

#### A-14. a. Yes

#### b. Coal Supply Agreement KUF02860/LGE02013

- (1) Resource Sales, Inc. ("Resource"), Allied resources, Inc. ("Allied"), Cochise Coal Company, Inc. ("Cochise"), and Smoky Mountain Coal Corporation ("SMCC")
- (2) Coal Purchase Order LGE-02013 dated as of January 1, 2002, as amended.
- (3) LG&E seeks to recover damages sustained by LG&E arising from the non-delivery of 1,019,829 tons of coal. Plaintiffs seek to have the court

- interpret the force majeure provision in the Agreement and to recover the amount of payments withheld by LG&E to offset LG&E's claim for damages.
- (4) Plaintiffs claim the force majeure provision should be interpreted in such a way that LG&E is not entitled to any more deliveries of coal pursuant to the Agreement. LG&E disagrees and withheld certain payments, as permitted under the Agreement, and demands that the Plaintiffs resume deliveries as required under the Agreement.
- (5) A copy of the Complaint filed by the Plaintiffs in the Circuit Court of Webster County, Kentucky, Civil Action No. 08-CI-00334, a copy of the First Amended Complaint filed by the Plaintiffs in the Circuit Court of Webster, Kentucky, Civil Action No. 08-CI-00334, and a copy of the Answer and Counterclaim filed by LG&E was filed with the Commission in Case No. 2008-00521.
- c. This case is in the discovery phase and is ongoing. The Plaintiffs recently filed a motion for judgment on the pleadings, seeking a ruling from the Court interpreting the contract in their favor. LG&E filed a response in opposition to that motion, arguing, among other things, that the contract is governed by the UCC and thus its interpretation must be informed by extrinsic evidence of course of conduct, course of dealing and usage of trade. The Court denied Plaintiffs' motion and agreed with LG&E's argument regarding the application of the UCC.

### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

#### Case No. 2011-00248

#### Question No. 15

Witness: Mike Dotson

- Q-15. a. During the period from November 1, 2010 through April 30, 2011, have there been any changes to LG&E's written policies and procedures regarding its fuel procurement?
  - b. If yes:
    - (1) Describe the changes;
    - (2) Provide the written policies and procedures as changes;
    - (3) State the date(s) the changes were made; and
    - (4) Explain why the changes were made.
  - c. If no, provide the date LG&E's current fuel procurement policies and procedures were last changed, when they were last provided to the Commission, and identify the proceeding in which they were provided.
- A-15. a. Yes.
  - b. (1) The Fuel Procurement Policies and Procedures were updated to reflect the change in ownership from E.ON to PPL and the expansion to include procurement of other consumables.
    - (2) Changes were made to the Fuel Policies and Procedures effective January 1, 2011.
    - (3) See b(1).
    - (4) See b (1) for an explanation of why the changes were made. See attached for a copy of the updated fuel procurement policies and procedures.
  - c. Not Applicable

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#### A. <u>Definitions:</u>

- 1. "Agreement" means a legally binding document, in which one party agrees to sell and the other agrees to buy Fuel or Transportation Services for Fuel, fully executed by both Buyer and Seller.
- 2. "Award Recommendation" means the Company's internal approval process for the review and approval by Management of a recommended Fuel purchase and/or Transportation Services agreement.
- 3. "Company" means Louisville Gas and Electric Company (LG&E) or Kentucky Utilities Company (KU) or both.
- 4. "Contract" is an Agreement for Fuel supply or Transportation Services with a fixed term typically in excess of one year.
- 5. "Contract Purchase" means any purchase of Fuel or Transportation Services by the Company where the terms and conditions are incorporated in the Contract, typically more than one year's duration.
- 6. "Director" means the Company's Director of Corporate Fuels and By-Products.
- 7. "Department" means the Company's Corporate Fuels and By-Products Department.
- 8. "Distressed Coal" means a limited amount of coal which may be purchased at a price below the current market price of similar quality coal.
- 9. "Emergency" means extraordinary conditions affecting Fuel production, transportation, or usage; including, but not limited to strikes, lockouts or other labor problems, embargoes, mining impediments, extreme market conditions and other problems affecting the production or transportation of Fuel, existing and/or forecasted extreme weather conditions, or any other conditions or circumstances that can be reasonably foreseen as impairing the continued supply of Fuel to the Company.
- 10. "Environmental Standards" mean the legal requirements for compliance with emission levels or other environmental protection requirements applicable to one or more of the Company's generating Units.
- 11. "Formal Solicitation" means the process of soliciting sealed bids for the supply of Fuel and/or Transportation Services.
- 12. "Fuel" means coal, fuel oil, or natural gas purchased by the Company for one of its generating stations.

- 13. "Informal Bid" means the process of considering unsolicited or solicited oral or written bids for Fuel purchases and/or Transportation Services.
- 14. "Joint Contract" is any contract that is written to supply Fuel and/or Transportation Services to both LG&E and KU. The allocation of fuel under a Joint Contract should be made pursuant to Section D.8. below.
- 15. "Purchase Order" is an Agreement for the supply of Fuel and/or Transportation Services with a term of typically one year or less.
- 16. "Senior Vice President Energy Services" means the Company's principal officer responsible for power generation.
- 17. "Spot Purchase" means any purchase of Fuel and/or Transportation Services by the Company where the terms and conditions are incorporated into a Purchase Order or Contract with a term typically of one year or less.
- 18. "Station" means one of the Company's generating stations.
- 19. "Supplier" means the seller who is a party to an Agreement and is obligated to comply with the Agreement's terms.
- 20. "Transportation Services" means the mode(s) of moving fuel from the point of purchase to the receiving station, including all related costs and activities (owned/leased equipment, maintenance and repair, barge fleeting services, blending, transloading, etc).
- 21. "Unit" means a generating unit at a Station.
- 22. "Vice President Energy Marketing" means the Company's principal officer to whom the Director of Corporate Fuels and By-Products reports and who in turn reports to the Senior Vice President Energy Services.

#### B. Fuel Procurement Policies:

The Company's Fuel Procurement Policies and Procedures define the process to obtain an adequate and reliable supply of Fuel of sufficient quality that yields the lowest possible cost of electrical energy delivered to the Unit bus bar, consistent with the Company's obligation to provide adequate and reliable service to its customers, to meet operational and Environmental Standards, and to meet any other applicable legal requirements. The Company will use its best efforts to secure its Fuel supply at competitive prices through the use of the Formal Solicitation, Informal Bid, and negotiation process as described in this document. The awarding of Contracts and Purchase Orders will comply with internal business controls including the Statement of Trading, Authority Limit Matrices, Sarbanes Oxley compliance and Internal Audit Services' recommendations. The Company has detailed internal control procedures covering Demand Analysis, Contract Management, Supplier Assessment and Rating,

Receipt of Coal (including weighing, sampling, and invoice payment), Complaint Management, Inventory Management, and Stockpile Surveys.

Implementation of this policy is of highest priority to the Company. The Director of Corporate Fuels and By-Products will review the Company's Fuel Procurement Policies and Procedures annually and update the policies as appropriate. The Corporate Fuels and By-Products Department shall be organized and staffed, and Fuel procurement procedures and administration shall be conducted, in an efficient and practical manner consistent with this policy. Fuel shall be purchased at competitive prices considering all material factors, including, but not limited to, quantity needed to maintain an adequate inventory, quality required to meet operating characteristics and Environmental Standards, resulting bus bar energy costs, reliability of the Supplier, diversity of Suppliers, diversity of fuel transportation modes, and meeting Emergency or other unusual circumstances affecting market conditions.

#### C. Organization:

- 1. <u>Department Structure.</u> The Department shall be organized and staffed to effectively administer the Company's Fuel procurement function.
- Organizational Responsibility. The Director is responsible for the operations of the Corporate Fuels and By-Products Department and reports to the Vice President -- Energy Marketing who is responsible for the Energy Marketing and Fuel Procurement functions. The Vice President Energy Marketing reports to the Senior Vice President -- Energy Services who has the final responsibility for Fuel procurement. Other Departments may be utilized by the Corporate Fuels and By-Products Department to the extent the Director, Vice President -- Energy Marketing, and/or Senior Vice President -- Energy Services consider advisable in the execution of the functions of the Department.
- 3. Approval Authority (Award Recommendation). An Award Recommendation will be prepared for all Agreements for the purchase of Fuel and Transportation Services. The Award Recommendation will be signed (as a minimum) by the Department's Fuel Contract Administrator, Manager LG&E and KU Fuels, Director of Corporate Fuels and By-Products, Plant Manager(s) of the Plant(s) that is (are) to receive the Fuel and/or Transportation Services, and the Vice President Power Production. Additional signatures may be required in accordance with the following Authority Limit Matrices:

Position	Maximum Term	Maximum Tenor	Maximum Notional \$ Amount
Manager LG&E and KU Fuels	1 year	2 years	\$10,000,000
Director, Corporate Fuels and	1 year	2 years	\$10,000,000
By - Products	_		
Vice President, Energy	3 years	3 years	\$20,000,000
Marketing	-		
Sr. Vice President, Energy	5 years	5 years	\$25,000,000
Services			
LG&E and KU Energy LLC,	Over 5 years	Over 5 years	\$180,000,000
Chief Executive Officer			
LG&E and KU Energy LLC			Over \$180,000,000
Board			

- 4. <u>Reports.</u> The Director will instruct the Department to prepare, maintain and distribute various reports to management and others as deemed necessary for business operations and regulatory requirements.
- 5. Records. The Department shall maintain the following records:
  - a. <u>Open Files.</u> The Department shall maintain within the Department's office area, the following files for at least one year or longer as the Contract term or other conditions warrant:
    - (1) For each current Contract Supplier, Spot Purchase Supplier, or Transportation Services Provider, the files will contain:
      - (a) Contract documents, amendments, Purchase Orders and escalation documentation;
      - (b) General correspondence;
      - (c) Invoices and invoice verification data;
      - (d) Delivery records and quality analyses data;
      - (e) Field inspection reports and other data.
    - (2) A record of transportation units (railroad cars, barges, etc.) owned or leased by the Company.
    - (3) A list containing current Suppliers and known potential Suppliers of Fuel.
  - b. <u>Closed Files.</u> The Department shall maintain its closed files in accordance with the Company's record retention plan.
- 6. General Administrative Duties.

The Department shall subscribe to trade and industry publications and reports of governmental agencies concerning Fuel, transportation services, market information and

prices. The Department shall use its best efforts to keep current on Fuel market conditions, prices and availability, and other developments relating to Fuel procurement.

#### D. Fuel Supply Procedures:

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- 1. <u>Projections.</u> In conjunction with other departments of the Company, the Department shall prepare an annual projection of Fuel usage and delivered cost for each Station for the number of years required in the Company's planning process.
- 2. Contract/Spot Mix. Subject to the approvals as set forth herein, the Department shall recommend whether a Contract Purchase is advisable, considering the following factors: (a) the availability of adequate supplies from qualified Suppliers, (b) the need to have an adequate inventory committed for an existing Unit, changes to an existing Unit, or a planned new Unit, (c) the desire to maintain flexibility to market conditions and other factors affecting price and availability, (d) existing and anticipated Environmental Standards, and (e) such other factors as may reasonably affect the implementation of the Company's Fuel Procurement Policy.
- 3. <u>Current Requirements.</u> The Department shall continually review and analyze the data available to the Department in order to purchase Fuel in a timely manner to meet the requirements of the Company.
- 4. <u>Supplier Qualifications.</u> The Company shall select potential suppliers on the basis of the current supplier list, performance on past and current Fuel Contracts, market intelligence from industry research, and general knowledge of the industry. No potential qualified supplier shall be preferred or discriminated against because of race, religion, color, sex, age or marital status of the supplier or any of its representatives.

The supplier list is periodically reviewed by the Department to eliminate any suppliers that are known to have gone out of business and to also add any new or existing suppliers that were previously not on the supplier list. The Department not only reviews the membership lists of several coal associations (for example the Lexington Coal Exchange, the North Carolina Coal Institute, the American Coal Council, the National Mining Association, etc.) for new suppliers to add to the supplier list, but also adds new suppliers based upon field inspection visits. If a supplier is identified that is not on the current supplier list, the Department will add the supplier to the list for the next RFQ. Suppliers can be added to the supplier list either by request of the supplier or by the Department.

A notice of a Request for Quotation (RFQ) is published in several Coal Industry Newsletters. The RFQ is initially sent to the suppliers on the current supplier list and posted on the Company website. If a supplier that has not received the RFQ calls and asks to be put on the Department's supplier list they are automatically added to that list and a copy of the RFQ is sent to that supplier. During the evaluation of the bids, if a new supplier has submitted a bid that is competitive, a new supplier evaluation will be performed to determine the capability of the supplier.

The supplier evaluation is done to determine if a supplier has the ability to deliver the quantity and quality of coal bid at the offered price. An actual site visit may be conducted. The information requested is based upon:

- The volume and term requested in the RFQ
- Past experience the Company has with the supplier
- The size and financial stability of the supplier
- Past experience the Company has with the type coal being offered
- Previous knowledge the Company has concerning the source operation (possibly under a different source name)

The data requested may include coal reserve data such as property maps and drill logs, mining plans, listing of all production equipment, coal preparation facilities such as coal preparation plants, sampling and analysis capabilities on site, mine staffing and organization, past production records, and status of permits. In addition, financial data will be requested and a supplier credit assessment will be performed in accordance with company policy. If all operational information, financial data, and other results from the site visit evaluation are acceptable, the supplier is approved.

#### 5. Solicitations.

a. <u>Formal Solicitations</u>. The Company shall purchase its Fuel through sealed-bid solicitations. However, the Company reserves the right to request or accept Informal Bids for Fuel purchases as described in Section 5.b., when in its judgment, market conditions or plant conditions provide an opportunity to obtain Fuel more advantageously or more quickly than through the formal sealed-bid procedures. When the Company foregoes the Formal Solicitation process in favor of the Informal Bid procedure (Section 5.b. below), documentation shall be included in the resulting Contract or Purchase Order file describing the conditions.

A Request for Quotation ("RFQ") number will be assigned to each quotation package. The quotation must be returned to the company address as indicated on or before the due date and time, noting on the mailing label the RFQ number. The RFQ number will identify the quotation and ensure the quotation is opened according to the Company's Fuel Procurement Policies and Procedures.

The RFQ package shall contain the following minimum requirements:

- Instructions to Suppliers on the submission of an RFQ, including time and date the bids are due, correct labeling of bid envelope, signatures required, etc.
- Scope of supply Agreement

Listing of typical information required from Supplier

Quantity and quality of coal being offered

Bid Price

Length of purchase

Transportation capabilities

Mining capabilities

· Company terms and conditions

RFQ's shall be opened on or after the established due date and time within the presence of one or more witnesses from another Department. A numbered log shall be kept for logging in the receipt of each sealed envelope. This numbered log shall be signed by the witnesses noting the bids were all sealed prior to opening and were received prior to the due date and time. Those bids received after the designated time will be returned unopened to the bidder, unless the Director waives this provision.

Upon opening the sealed envelopes, each bid shall be given the log number assigned to it and initialed by the witnesses attending the bid opening.

All candidates shall be given the same opportunity and time frame to respond to the RFQ. Information clarifications shall be shared with all candidates. A copy of the RFQ and the original of the Suppliers' bid documents with evidence of the witness signatures shall be maintained within the Department.

The Department's Fuel Administrator is responsible for entering the bid data into the bid evaluation spreadsheet. The spreadsheet contains data fields such as:

Supplier's name (from bid)

Mine name and location (from bid)

Fuel loading point, river milepost or rail loadout (from bid)

Annual price in dollars per ton and cents/MMBtu (from bid)

Transportation cost (assigned by the Fuel Administrator)

Calculated total delivered cost (calculated by the Fuel Administrator)

Fuel technical specifications, such as:

BTU per pound

Sulfur content

Moisture content

Ash content

Chlorine content

Size

Arsenic content

Hardgrove Index

Other technical specifications as appropriate

The bids are secured in the Fuels Procurement area.

The Department's Manager LG&E and KU Fuels will independently verify that all bid data is correctly entered into the bid evaluation spreadsheet.

- b. <u>Informal Bids</u>. When, in the Company's judgment, Fuel can be obtained more advantageously or quickly for a particular plant through the Informal Bid procedures, the Department may solicit offers or accept unsolicited offers from Suppliers by telephone, electronic mail, facsimile or otherwise. Although these bids are typically used for Spot Purchases, circumstances may arise that would justify the recommendation of a long-term Contract from an Informal Bid process. The award recommendation for all such Informal Bid purchases shall include the Department's Fuel Sole Source Award Recommendation form with appropriate signatures.
- Contract Awards. The Department shall review and analyze each Contract offer. The 6. evaluation will include, but not necessarily be limited to, the items required by the Company to satisfy operational, Environmental Standards and economic criteria. Based upon the bid evaluation spreadsheet, the Department will evaluate and rank all quotations received by total delivered cost and lowest evaluated cost of electrical energy delivered to the Unit busbar. Other factors may be considered, including but not limited to, ranking reports generated by a software model that evaluates the impact of different coal qualities on Unit bus bar costs, supplier credit assessment, supplier past performance, diversity of region of supply, diversity of transportation mode, and diversity of suppliers. From this ranking, a short list of bidders may be selected from which the Department intends to conduct further discussions and/or negotiations. The short list may include unsolicited offers. The size of the short list will be determined solely at the Department's discretion. The Department may engage in preliminary negotiations with Suppliers on the short list to determine which offers warrant further consideration. The objective of the negotiations shall be to reach Agreements with Suppliers that provide the Company with favorable terms and conditions, the lowest possible cost of electrical energy delivered to the Unit bus bar and reliable supply consistent with other qualifiers related to supplier reliability, existing and future Environmental Standards, transportation

options, etc. A team may be formed to conduct negotiations with bidders on the short list. Generally, this team will consist of two or more representatives from the Department. The terms and conditions outlined in the quotation submitted to the Department by the bidder shall be the basis for beginning negotiations with each potential Supplier. A representative from the Legal Department shall review documents regarding terms and conditions.

The Department may in some instances perform investigations of the bidders to determine their ability to supply Fuel under the terms and conditions outlined in their proposals. These investigations may include site visits, mine operation audits, audits of financial information, test shipments, or other similar actions intended to determine the bidder's qualification as a Supplier. The Department shall verify the adequacy of the proposed source of supply for coal quantity and quality.

The recommended Supplier(s) shall be selected by the negotiating team based upon the evaluation criteria and the results of the negotiations. The Department's Fuel Administrator will prepare the contract Award Recommendation for approval as detailed in Section C.3. This recommendation will document the selection criteria and pertinent factors, and in circumstances where more than one company is selected, the recommendation shall describe the tonnage requirements and other responsibilities of each of the other recommended Suppliers.

- 7. Spot Purchases. Spot purchases may be made by the Company subject to the limit of authority stated in section C.3. In instances where there exists an opportunity to purchase Distressed Coal or other coal from an Informal Bid, the Manager LG&E and KU Fuels may recommend the purchase of such coal to the Director without soliciting proposals through the Formal Solicitation process. The Award Recommendation for all such Fuel purchases shall include the Department's Fuel Sole Source Award Recommendation form with appropriate signatures.
- 8. <u>Joint Contracts.</u> Joint Contracts shall be made at the discretion of the Department in order to capture economic benefit from the combined purchasing power of LG&E and KU. Such discretion will be based upon the Company's operating requirements, Environmental Standards, inventory levels, and the ability of the Company's power plants to burn similar fuels.
- 9. <u>Documentation.</u> Contracts and Purchase Orders shall be signed by the Supplier and the Company.

The following documents must be maintained:

- · The final list of bidders
- A copy of the bid package
- The bidders' responses with witnesses' signatures
- The bid evaluation summary

#### E. Fuel Supply Agreement Administration:

- 1. <u>Compliance.</u> The Department shall review and analyze daily business and operational reports to properly administer all Fuel and Transportation Services Agreements. Coal weighing and sampling is conducted at each individual power plant site. Coal weights are measured in accordance with industry-accepted methods. Coal sampling and analysis is performed in accordance with Generation Services' System Laboratory procedures. These procedures have been developed in accordance with ASTM standards and cover coal sampling, coal sample preparation, coal sample identification, handling and shipping, and coal analysis on a parameter-by-parameter basis. Coal quantity and quality are reported to the Department through the Fuelworx System (fuels management system).
- 2. <u>Amendments.</u> A Contract/Purchase Order shall not be materially amended except after analysis by the Department, recommendation of the Director, review by the Legal Department and in accordance with the Authority Matrices in C.3.
- 3. <u>Contract Administration.</u> The Department shall maintain the necessary data to administer the Contracts. Every Supplier's request for a change outside the existing terms, conditions, or prices must be written and supported by adequate data in conformity with the Contract. Each request shall be analyzed by the Department against the Contract provisions, and reported with recommendations to the Director. If the parties do not come to agreement on the new terms, negotiations between the Supplier and Company, as dictated by the Contract's terms, shall be the primary method of resolving the issue.
- 4. <u>Supplier's Relief.</u> Any Supplier's request or claim for relief from compliance with any provision of the Contract's terms such as Force Majeure conditions, quality specifications, approval of alternate sources, etc, must be in writing with an adequate description of conditions warranting nonperformance. Each request or claim shall be reviewed by the Director and the Company's Legal Department.
- 5. <u>Inspections.</u> The Director shall cause inspections of mining and other facilities of a Contract coal Supplier or other Fuel supply facilities as part of Contract Administration.
- 6. <u>Emission Allowance Management</u>. All allowances offered in connection with supplying fuel for either LG&E or KU generating Units will be managed in accordance with the Company's environmental, utility accounting, and rates and regulatory policies and procedures. The appropriate way to accommodate any additional allowances (offered in conjunction with supplying fuel) will be dependent on the quantity and vintage of the allowances offered.

#### F. Fuel Supply Agreement Enforcement:

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1. <u>General Enforcement Policy.</u> Supplier obligations under Fuel supply Agreements shall be enforced by the Company to ensure Supplier compliance with the Company's overall procurement policy and to provide for the continuing supply of Fuel.

 Department Responsibility. Whenever it is determined that a shipment does not meet the Fuel Supply Agreement terms or a Supplier is not complying with the Fuel Supply Agreement terms, the Department shall inform the Supplier and direct that subsequent shipments be in compliance.

#### G. Legal Assistance:

The Department shall have access to, and may receive advice from, the Legal Department on all matters relating to Fuel procurement, administration and enforcement.

#### H. Inventory Levels:

The Company has an obligation to ensure the availability of continuous reliable service to its customers. Decisions affecting Fuel inventory shall be responsive to this obligation.

The Company strives to maintain an adequate inventory to ensure service reliability while allowing for enough flexibility so inventory levels can be responsive to known and anticipated changes in conditions and minimize the risks of unforeseen conditions. Inventory ranges are established based upon forecasted plant utilization, deliverability risks related to availability of truck, rail and barge capacity and associated transportation infrastructure, fuel quality requirements of the plants, the position of the plant in the dispatch order, risk of market supply-demand imbalance, and the ability to conduct quick spot market transactions. The general level of inventory is adjusted to meet anticipated conditions (i.e. summer/winter peak load, river lock outages, Unit outages, fuel unloading system outages, etc).

Coal inventories are reported monthly in the Department's Monthly Fuels Management Report. Regular inventory reports are made to senior management and inventory is reviewed by the Risk Management Oversight Committee to ensure compliance with internal policies.

#### I. Emergency Procurement:

Any one or more of the procedures described herein may be waived by the Vice President - Energy Marketing, whenever, Fuel must be purchased due to extraordinary conditions such as strikes, lockouts or other labor problems affecting Fuel production or transportation, embargoes, mining or other problems affecting production or transportation, existing and/or forecast extreme weather conditions, or any other conditions or circumstances that can be reasonably foreseen as impairing the continued supply of Fuel to the Company. When such a purchase is made, documentation of circumstances will be included in the Contract or Purchase Order file.

#### J. Transportation Services Contracts:

Transportation Services bids shall be requested and Contracts negotiated whenever appropriate. A tariff may be used in lieu of a Contract Agreement if conditions warrant. Consideration shall generally be given to the following factors when considering the need or desirability to make a Transportation Services Agreement:

- plant requirements;
- · the locations of potential Fuel Suppliers;
- the most desirable transportation modes available;
- coal unloading and handling system constraints;
- existing transportation routes and transfer points between Suppliers and Company generating Stations;
- desirability of maintaining flexibility with different modes of transportation;
- economics;
- other factors which may affect the delivery of Fuel to the Company's generating Stations.

The process of selecting and contracting for Transportation Services will vary with the mode of transportation being sought. For barge and truck deliveries, the Department will generally use the Company's accepted competitive bidding procedures. In instances where only one rail carrier may serve a plant, direct negotiations with the rail carriers serving a particular coal source may be initiated.

The selections of a transportation Supplier will generally be based upon, but not necessarily limited to, cost, reliability, coal unloading and handling system constraints, and other factors. Transportation Service Agreements must be in writing and signed by all parties, unless provided under an approved tariff. The approval procedures set forth in Section C.3 shall be used for the approval of all Transportation Contracts.

#### K. Other Fuels/Bulk Commodities/Service Contracts:

Bulk Commodity Supplies (including, but not limited to scrubber reagent, ammonia, hydrated lime, Trona and activated carbon) to be used by the Company's generating Stations and laboratory services, weighing and sampling services, stockpile surveys, governmental imposition claims assessment and coal pricing information services shall be requested and Contracts negotiated by Fuels, whenever appropriate. Associated transportation services related to Section J. such as railcar leases, railcar maintenance and repair, barge fleeting services, coal blending, and

coal transloading services shall also be requested and Contracts negotiated by Fuels whenever appropriate. All of these Bulk Commodity/Service Contracts will abide by the Approval Authority Limits as set forth in Section C.3. above.

<u>Natural Gas.</u> Natural gas is procured on an "as-needed" basis due to the unpredictability of use. The need for natural gas fired generation is determined by many real-time variables; including, but not limited to, weather, customer demand, generation availability, transmission availability, and market prices. Purchases of natural gas are typically conducted in the day-ahead or intra-day spot market. The Regulated Trading & Dispatch Department is responsible for the purchase of natural gas and associated pipeline transportation.

<u>Fuel Oil.</u> Fuel oil is procured on an "as-needed" basis due to the infrequency of use of this Fuel and the nature of the oil market. The responsibility for fuel oil procurement varies. When the need for fuel oil arises, the Department and/or the Power Plants will solicit vendors for offers. Orders are assigned on the basis of lowest delivered cost and the ability to fill the order. Solicitation results are documented in the Department for purchases made by the Department.

#### L. Affiliate Transactions:

Transactions and relationships between the Company and its unregulated affiliates are governed by four governmental agencies: the Kentucky Public Service Commission, the Federal Energy Regulatory Commission, the Securities and Exchange Commission, and as regards Kentucky Utilities Company, the Virginia State Commission.

The Company may purchase coal from an affiliate at the lesser of cost or market, if such a transfer is reasonably required by the Company to meet an Emergency and the Company believes in good faith that, under the circumstances, the transaction will be to the advantage of the Company. At the time of the affiliate transaction, the Company will document through the award recommendation process, the pricing basis and the justification for the affiliate transaction. The Company shall report any such purchase in its next recurrent report due to the Commission (Form A or Form B filing, or their successor(s)). All such affiliate transactions must as a minimum, meet the requirements of the Affiliate Transaction Overview, dated May 26, 2003, including the requirements of Kentucky Revised Statutes Chapter 278, Kentucky Public Service Commission Sections 2201 through 2219; the Securities and Exchange Commission, Title 17 — Commodity and Security Rules, Part 250 — General Rules and Regulations; and Virginia State Corporation Commission, Code of Virginia Title 56 — Chapter 4 and any other applicable affiliate transaction rules.

#### M. Ethics and Conduct:

The Company recognizes the importance of following the Company's Code of Ethics to guide the conduct of the Corporate Fuels and By-Products Department in the performance of its duties and responsibilities:

The Department shall endeavor to serve the best interests of the Company and its customers in the performance of the Department's duties and responsibilities.

Fuels staff shall adhere to the ethical standards and policies of the Company.

Each employee involved with the procurement of Fuel will be required to annually file a "Conflict of Interest" statement with the Company.

Originally issued at Louisville, Kentucky, the 10th day of February, 2003.

Revised effective January 1, 2011.

Louisville Gas and Electric Company

Kentucky Utilities Company

Paul Thompson

Senior Vice President - Energy Services

David Sinclair

Vice President - Energy Marketing

### Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

Question No. 16

Witness: Mike Dotson

- Q-16. a. State whether LG&E is aware of any violations of its policies and procedures regarding fuel procurement that occurred prior to or during the period from November 1, 2010 through April 30, 2011.
  - b. If yes, for each violation:
    - (1) Describe the violation;
    - (2) Describe the action(s) that LG&E took upon discovering the violation; and
    - (3) Identify the person(s) who committed the violation.

A-16. a. No.

b. Not applicable.

# Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

**Question No. 17** 

Witness: Mike Dotson

- Q-17. Identify and explain the reasons for all changes in the organizational structure and personnel of the departments or divisions that are responsible for LG&E's fuel procurement activities that occurred during the period from November 1, 2010 through April 30, 2011.
- A-17. Changes occurred in the Fuels Department during the period referenced above as follows:

Effective January 1, 2011, Chris Balmer joined the Fuels Department as Manager of Fuels Risk Management. The position will entail developing, implementing and coordinating risk mitigation strategies for all generation-related fuels, reagents and transportation.

Effective January 1, 2011, Carolyn Ambrosino, Financial Analyst moved from being an indirect report to Caryl Pfeiffer, Director of Corporate Fuels and By-Products to be a direct report to Manager of Fuels Risk Management.

Effective July 11, 2011, Chris Balmer left the Fuels Department as Manager of Fuels Risk Management to become Director Transmission Strategy and Planning.

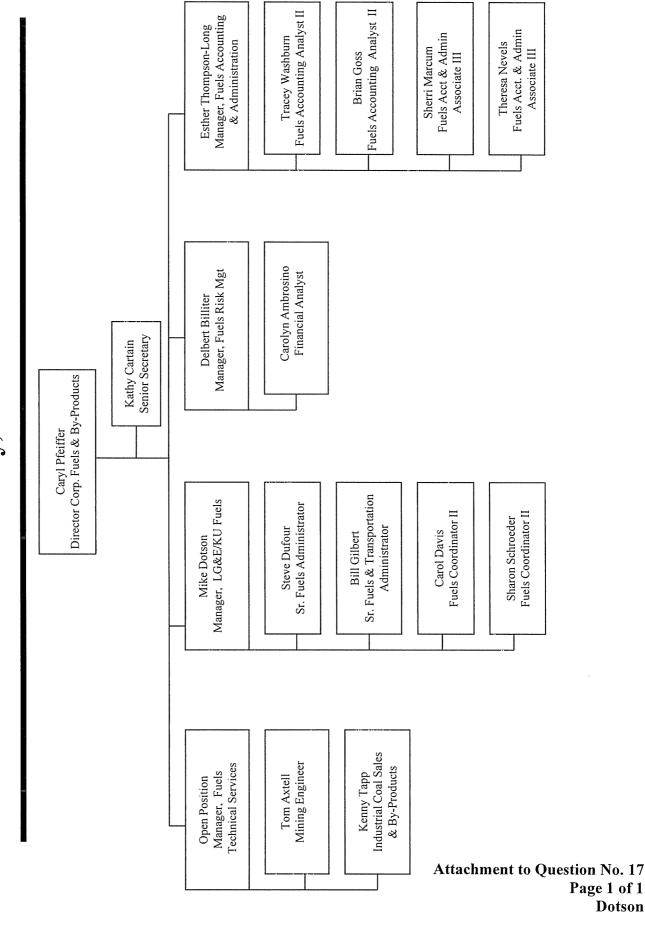
Effective July 18, 2011, Delbert Billiter, moved from Manager Fuels Technical Services to Manager of Fuels Risk Management.

Position of Manager Fuels Technical Services remains open.

Effective July 18, 2011, Kenny Tapp, Industrial Coal Sales and By-Products moved from being a direct report to Caryl Pfeiffer, Director of Corporate Fuels and By-Products to be a direct report to Manager Fuels Technical Services.

See attached Department organization chart that became effective July 2011.

# Corporate Fuels and By-Products July, 2011



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# Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

# **Question No. 18**

Witness: David L. Tummonds

- Q-18. a. Identify all changes that LG&E has made during the period under review to its maintenance and operation practices that also affect fuel usage at LG&E's generation facilities.
  - b. Describe the impact of these changes on LG&E's fuel usage.
- A-18. a. None.
  - b. Not applicable.

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# Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

**Question No. 19** 

Witness: Mike Dotson

- Q-19. List each written coal supply solicitation issued during the period from November 1, 2010 through April 30, 2011.
  - a. For each solicitation, provide the date of the solicitation, the type of solicitation (contract or spot), the quantities solicited, a general description of the quality of coal solicited, the time period over which deliveries were requested, and the generating unit(s) for which the coal was intended.
  - b. For each solicitation, state the number of vendors to whom the solicitation was sent, the number of vendors who responded, and the selected vendor. Provide the bid tabulation sheet or corresponding document that ranked the proposals. (This document should identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.
- A-19. In Case No. 2010-00493, a review of LG&E's FAC for the period May 1, 2010 through November 30, 2010, the final selection of the vendors who responded to the solicitation dated August 27, 2010 was not complete at the time the data responses were filed.

a. Date: August 27, 2010

Contract/Spot: Contract or Spot

Quantities: No minimum or maximum specified

Quality: Suitable for LG&E power plants and KU's Ghent

power plant (beginning year 2011)

Period: Up to 10 years

Generating Units: All LG&E coal fired units and KU's Ghent power plant

(beginning year 2011)

b. Number of vendors receiving bids: 159

Number of vendors responded: 23 companies / 37 offers

Selected vendor(s) High Sulfur Coal: The final selection of the vendors has been made, however, negotiations are still in progress. The names of the selected vendors and supporting bid tabulation sheet will be provided to the Commission after the negotiations are complete and the agreements signed.

Selected vendor(s) PRB Coal: The vendor selected was based upon the lowest evaluated delivered cost.

Peabody Coaltrade, LLC – J11017

The bid analysis information is confidential and proprietary information and is being filed with the Commission under seal pursuant to a Petition for Confidential Protection.

a. Date: March 14, 2011 Contract/Spot: Contract or Spot

Quantities: No minimum or maximum specified

Quality: Suitable for LG&E power plants and KU's Ghent

power plant (beginning year 2012)

Period: Up to 10 years

Generating Units: All LG&E coal fired units and KU's Ghent power plant

(beginning year 2012)

b. Number of vendors receiving bids: 157

Number of vendors responded: 21 companies / 42 offers

Selected vendor(s) High Sulfur Coal: The final selection of the vendors has been made; however, negotiations are still in progress. The names of the selected vendors and supporting bid tabulation sheet will be provided to the Commission after the negotiations are complete and the agreements signed.

Selected vendor(s) PRB Coal: The vendor selected was based upon the lowest evaluated delivered cost.

Peabody Coaltrade, LLC - J12008

The bid analysis information is confidential and proprietary information and is being filed with the Commission under seal pursuant to a Petition for Confidential Protection.

LGE/KU 10-03 Bid Summary Fall Solicitation August 27, 2010

Company	2011 Tons	2011 FOB S/mmbtu	Trans \$/mmbfu	Delivered \$/mmbfu	BTU

Bid No. 13 B was the lowest bid and was purchased.

LGE/KU 11-01 BIDS Spring Solicitation March 14, 2011

	г	g.				··········	
	BTU						
Delivered	\$/mmbtu						
Trans	\$/mmbtu						
2012 FOB	\$/mmbtu						
2012	Tons						
	Company						
	Bid No.	တ	17A	3C	6	4B	18E

Bid No. 9 was the lowest bid and was purchased.

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# Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

Question No. 20

Witness: Mike Dotson

- Q-20. List each oral coal supply solicitation issued during the period from November 1, 2010 through April 30, 2011.
  - a. For each solicitation, state why the solicitation was not written, the date(s) of the solicitation, the quantities solicited, a general description of the quality of coal solicited, the time period over which deliveries were requested, and the generating unit(s) for which the coal was intended.
  - b. For each solicitation, identify all vendors solicited and the vendor selected. Provide the tabulation sheet or other document that ranks the proposals. (This document should identify all vendors who made offers.) State the reasons for each selection. For each lowest-cost bid not selected, explain why the bid was not selected.
- A-20. LG&E did not issue any oral coal supply solicitations.

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# Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

# Question No. 21

Witness: Robert M. Conroy

- Q-21. a. List all intersystem sales during the period under review in which LG&E used a third party's transmission system.
  - b. For each sale listed above:
    - (1) Describe how LG&E addressed, for FAC reporting purposes, the cost of fuel expended to cover any line losses incurred to transmit its power across the third party's transmission system; and
    - (2) State the line loss factor used for each transaction and describe how that line loss factor was determined.
- A-21. a. There were no inter-system sales from November 1, 2010 through April 30, 2011 which required a third party's transmission system.
  - b. Not applicable

# Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

**Question No. 22** 

Witness: Robert M. Conroy

- Q-22. Describe each change that LG&E made to its methodology for calculating intersystem sales line losses during the period under review.
- A-22. There have been no changes regarding the calculation of losses associated with intersystem sales. LG&E continues to use a line loss factor of one percent to determine the cost of fuel associated with line losses incurred to make an intersystem sale and recovered from such sale consistent with the Commission's December 2, 1999 Order in Case Nos. 96-524-A, 96-524-B, 96-524-C, and the March 25, 2003 Order in Case No. 2002-00225.

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# Response to Information Requested in Appendix of Commission's Order Dated August 23, 2011

Case No. 2011-00248

Question No. 23

Witness: Mike Dotson

- Q-23. State whether LG&E has solicited bids for coal with the restriction that it was not mined through strip mining or mountain top removal. If yes, explain the reasons for the restriction on the solicitation, the quantity in tons and price per ton of the coal purchased as a result of this solicitation, and the difference between the price of this coal and the price it could have obtained for the coal if the solicitation had not been restricted.
- A-23. LG&E has not solicited bids with this restriction.